



United States Department of the Interior

FISH AND WILDLIFE SERVICE



**Back Bay National Wildlife Refuge
4005 Sandpiper Road
Virginia Beach, VA 23456-0286**

**NESTING LOGGERHEAD SEA TURTLE ACTIVITY REPORT
1999**

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**Prepared for Department of the Army
U.S. Army Corps of Engineers
Norfolk, VA**

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NESTING LOGGERHEAD SEA TURTLE ACTIVITY AT THE BACK BAY NATIONAL WILDLIFE REFUGE - 1999

ABSTRACT

This paper presents results from the seventh annual study (using Army Corp of Engineers funds;) of nesting along the Atlantic Ocean coastline by the loggerhead sea turtle (*Caretta caretta*) in Virginia Beach, Virginia during 1999. All surveys were carried out by staff of the Back Bay National Wildlife Refuge, Virginia Beach, Virginia, throughout the sea turtle nesting season. Two seasonal, full-time biological technicians were hired through funding support from the U.S. Army Corps of Engineers, Norfolk, Virginia, to search twenty-five miles of beach along the northern periphery of the nesting range of the Loggerhead. Refuge biologists investigated nine nesting attempts during 1999. Of the nine nesting attempts, only two were actual nests. Seven were false crawls; of which four were unsuccessful nesting attempts. One nest (134 eggs) was located on Back Bay National Wildlife Refuge and one (92 eggs) in False Cape State Park. One false crawl was found in False Cape State Park and six false crawls were found on Back Bay National Wildlife Refuge from .2 to 2.2 miles south of the refuge's beach access ramp. No nests were located along the oceanfront of the Virginia Beach Resort area this year. An additional three mile section of Fort Story was patrolled this year; thereby covering all of the Fort Story beachfront. A Kemps Ridley sea turtle, a juvenile bottlenose dolphin, and several loggerheads were found on this section of Fort Story's beach. Patrols should therefore continue on this three mile section of beach. Night-time patrols were carried out by numerous volunteers and Refuge personnel during July 5-10, July 17-21, July 25-31, August 8-13, and August 22-25; however, no nesting loggerhead sea turtles were observed or captured. Of the two nests, 98% (131/134) and 96% (88/92) of the eggs hatched out. All hatchlings were released upon emergence by on-site staff; except for four (from Nest #1), which were donated to the Virginia Marine Science Museum for research purposes.

I. INTRODUCTION

The Atlantic leatherback, the Atlantic loggerhead, the Atlantic green, and the Kemp's Ridley sea turtle are the four sea turtles regularly seen in Virginia waters (Keinath, Musick, and Byles 1987). All of these are listed as either threatened or endangered (50CFR1981). The loggerhead, (*Caretta caretta*) is the only recurrent sea turtle species nesting on beaches of the Atlantic Oceanfront in Virginia Beach. Pollution, exploitation, poor fishing practices, habitat modification, etc. have aided in the loggerhead's decline. Since sea turtles come ashore only to lay eggs (Dodd 1988), nesting provides a rare opportunity to learn about them.

The twenty-five miles of beach searched for loggerhead sea turtle use this year, occurs along the northern extent of the established nesting range for this species in the United States. Loggerhead activity often occurs during the summer in and around the Chesapeake Bay. The Chesapeake Bay serves as a developmental feeding area for immature loggerheads (Lutcavage and Musick 1985; Keinath, Musick and Barnard 1989).

Loggerhead females generally nest on a 2 to 4 year cycle, and lay from one to six nests a season (Ehrhart 1979; Dodd 1988). The renesting interval varies from 12 to 16 days, with an average of 14 days (Frazer 1984; Dodd 1988). Sea turtles generally return to the same area to lay successive clutches of eggs, usually within a 5 km radius of the first nest (Dodd 1988).

For seven successive years, personnel of the Back Bay National Wildlife Refuge have been patrolling the Virginia Beach Resort oceanfront in search of loggerhead sea turtle nests. This has been made possible by funding provided to the Refuge by the U.S. Army Corps of Engineers (the Corps/ACOE), in conjunction with their study of beach replenishment impacts to nesting sea turtles. During the summer of 1993, the first cooperative agreement was established between the Corps and the Refuge. Through this agreement, the Corps also provided funding to the Refuge, to determine the extent of nesting sea turtle use along the Virginia Beach oceanfront. The Refuge then hired and trained seasonal biological technicians to patrol this oceanfront and detect sea turtle crawls and any other nesting signs. Because the loggerhead is a federally listed Threatened species, research on, and management of, its nesting activities has been conducted at the Refuge since 1970. The U.S. Fish and Wildlife Service employs protective measures and also funds research projects that aid in the conservation of this federally threatened species, often in partnership with other federal and state agencies.

During 1999, the Corps initially provided the Refuge with \$18,500 (\$15,000 Labor for 2 Biological Technicians and \$3,500 for Contingent Night-Patrols Labor) for the nesting sea turtle study. An additional \$1,900 was added in May 1999, for expanding the survey route to include the remaining three miles of Fort Story's western beachfront that had not been patrolled in the past. Thirty-eight percent of the funding was absorbed by the Denver Finance Center, for administrative costs; while the remaining sixty-two percent was dedicated to salaries of the two seasonal biological technicians hired to patrol the oceanfront, and additional Refuge staff during "night-time sea turtle patrols." Additional miscellaneous equipment and materials costs, all-

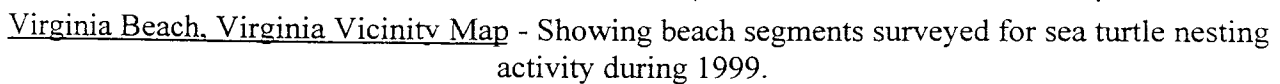
terrain-vehicle repairs and maintenance, gas and oil, and additional support staff for turtle patrols were absorbed by the Refuge budget.

II. MATERIALS AND METHODS

Seasonal biological technicians and permanent Refuge staff logged well over 700 hours managing and collecting information on sea turtle nesting for the 1999 sea turtle nesting season. As during past years, Refuge personnel conducted sea turtle crawl surveys, via all-terrain-vehicles (ATVs) on five segments of oceanfront beach. Those beach routes included (from north to south): (1) the Fort Story to Rudee Inlet area, including Croatan Beach (See Figure #1); (2) the Town of Sandbridge; (3) Little Island City Park; (4) Back Bay National Wildlife Refuge; and (5) False Cape State Park. All areas were patrolled on a daily basis, seven days a week. An additional three-mile section of Fort Story beachfront was included this year, at the request of the Corps. An endangered Kemps Ridley sea turtle, a young bottlenose dolphin and several Loggerheads were all found stranded during patrols of this new section of Fort Story beach. The Carova and Corolla oceanfront in North Carolina were not patrolled this year; since Endangered Species Biologist Ruth Boettcher of the North Carolina Wildlife Resources Commission has assumed responsibility for those areas since 1998. They will not be patrolled any longer.

Surveys were conducted by ATV every morning from May 15 through September 10, along beach routes #2-5 above. Patrols along the Fort Story to Rudee Inlet and Croatan Beach route (#1 above) were conducted every morning, starting at 0530 hours (June 1 through August 31); in order to search as much beach as possible before the City of Virginia Beach's "Beachscapers" groomed the Resort beaches, and wiped out crawl signs. Patrols took place above the high tide line while traveling in one direction, and along the water's edge on the return trip.

During April, Refuge biological staff met with Virginia Institute of Marine Science (VIMS) personnel: departing Biologist Soraya Moin-Bartol, Director Dr. Jack Musick and new VIMS Biologist Kate Mansfield, at Back Bay NWR. The meeting hammered out a better understanding, and improved upon past misunderstandings, between Refuge and VIMS personnel, on the conduct and expectations of all involved with Refuge "Night Patrols" and capture attempts of returning Loggerhead females.





June 4, 1999 - Loggerhead Sea Turtle Crawl #1 of 1999 - 1.2 miles south of the Refuge Beach Access Ramp

All sea turtle crawls were photographed and documented. Metric tape was used to measure crawl widths at three points where tracks were distinct. An average of the three measurements represented the crawl width of the nesting female. Each "body-pit" periphery was marked with wire flags and then carefully searched and excavated for the egg chamber/nest laid by the loggerhead. When eggs were discovered, they were carefully counted and removed; measurements were taken of the depths to the top and bottom of the egg chamber; and the eggs were then transported in coolers to a protected hatchery site within the sand dunes of Back Bay National Wildlife Refuge. At the hatchery site, the eggs were transferred to a predator proof cage and buried at the same depth as the original nest. Approximately two weeks prior to the expected hatch date, twice daily checks of the relocated nest were carried out, to detect signs of hatching. When a concave depression was detected on the surface of the nest, a refuge staff member was placed on duty from 2100 to 0300 hours to continuously watch for the emergence of hatchlings. This night duty occurred until hatchlings emerged; whereupon, they were released on the adjacent beach and into the surf, usually within an hour after their emergence.

In addition to patrolling for turtle nests, Refuge personnel also collected data on sea turtle strandings in the surveyed areas. Nearly all stranded animals are dead. During 1999, each stranding was measured and examined for trauma and cause of death. This data was sent to the Virginia Institute of Marine Science and the National Marine Fisheries Service. Copies of those



Loggerhead Crawl #1 - Showing Excavation of "Body Pit" - No Nest here.



Loggerhead Crawl #2 - Nest #1 Site - June 25, 1999

reports are included in this Report as Appendix 2. (Ref. Section E.- Results and Discussion, and Appendix 2).

III. RESULTS AND DISCUSSION

A. AREA COVERAGE

Over seven hundred hours of sea turtle patrol or sea turtle related hours were logged by trained Refuge personnel. Approximately, 13 miles (including the three new miles on Fort Story) of oceanfront beach were covered from Fort Story to Croatan Beach; and 15 miles from the Dam Neck Naval Facility border in Sandbridge, to the North Carolina border. Area coverage along Sandbridge Beach and one or two portions of Fort Story, varied with high tides, since beach narrowness, bulkheads, beach erosion and high winds made portions of the beach inaccessible by ATV on nearly 50% of all patrol days. On those occasions, Refuge staff would walk out to such areas and view most of the missed area through binoculars.

Patrols of the Sandbridge-Back Bay Refuge-False Cape State Park oceanfront commenced on May 26th. The Fort Story to Rudee Inlet/ Croatan Beach patrols commenced on May 29th. All patrols ended on approximately August 28th. Rather than continue into the first week of September, sea turtle patrols were curtailed early, due to consistent bad weather/storms.

The possibility of undetected nests exists along the Fort Story-Croatan Beach segment; since beach cleaning and "grooming" is conducted by City beach maintenance crews, every morning between 0230 to 0900 hours. This maintenance smooths out Resort beaches, making crawl detection nearly impossible. Although, Refuge beach patrols start at 0530 hours, City workers often have some portions of the Resort beach already groomed by then. To deal with this conflict, Refuge biological staff maintained contact with these City workers on the beach, and hand out information on sea turtle crawl recognition, nesting, and who to contact should they locate a crawl. Their responses have been positive.

A new "turtle-restraining" container was constructed by Back Bay NWR SCEP Student Sara Williams using guidelines provided by Kate Mansfield (VIMS). It consisted of two hinged sections of 1/2" to 3/4" exterior plywood (permanently joined together with hinges) about 3' high, that forms two sides of the four-sided wooden "box." These two sides are connected together by joining together the two halves of an additional set of hinges, and inserting the hinge pin. This is portable, and when reinforced with strong, tall stakes, contains a turtle well. This was carried in the back of the patrol vehicle during all night patrols,

The first series of night patrols occurred during July 5-10. Word of a nesting loggerhead came from a Refuge permittee (who was at the scene) by telephone call at 0115 hours, on July 7. The turtle had returned to the sea before Refuge staff arrived. This turned out to be Nest #2 for 1999. The second series of night patrols took place from July 17 - July 21. No turtle was located but several trespass vehicles were seen on the beach by non-law enforcement volunteers. Night-time patrols during July 25-31 also yielded no turtles; but did result in Refuge staff responding to a call for help at midnight. The night patrol was stuck in soft sand at the Refuge Beach Access

Ramp. All Refuge night-patrols used red lenses over their vehicle lights, to minimize the light disturbance factor on emerging turtles.

Two crawls (#7 and #8 - but no nest) occurred on early Friday morning, July 23d - the one night patrol that Refuge staff felt could be skipped to give everyone a rest. The third series of night patrols occurred during August 8-13; during which a crawl (#9) was again missed on early August 12th. Night patrols again took place during August 22-25 as Refuge staff were awaiting the emergence of hatchlings from Nest #1. Again, no nesting turtles were located.

Normally, night turtle patrols occur 12 to 16 days after a nest is discovered, when the nesting turtle usually returns to nest a second or third time. This year's effort was a major one, with nothing to show for it.

B. NESTING ACTIVITIES

Nesting sea turtle surveys of the Fort Story and Resort beaches yielded no sea turtle nests or crawls. The two nests discovered this year, were located on Back Bay N.W.R.(#1) and False Cape State Park (#2).

Nest #1 (Crawl #2) was discovered at 0730 hours on June 25, 1999 by Biological Technician Jason Schatti. Refuge Biologist Lamar Gore and Volunteer/College Intern Shannon Lehrter responded to his call. One hundred and thirty-four (134) eggs were excavated at 0939 hours and removed from the nest cavity. Senior Biologist Gallegos was out of town on business; however attending staff successfully carried out the nest relocation and data gathering. Photographs were taken of the crawl, the nest-site and the excavation. Measurements of the crawl and the nest cavity were also taken. Unfortunately, photographs of the eggs and nest relocation were not taken, as the staff focused on carrying out the proper procedures by themselves.

Nest #2 (Crawl #4) was discovered on July 7, 1999, at 0100 hours, by the same permittee who reported a previous crawl. A night patrol was in progress at the time, that included Refuge Biologist Gore, Refuge SCEP Student Sara Williams and Volunteer Nancy Borton (Virginia Marine Science Museum Stranding Center). The permittee notified the night patrol of the nesting turtle soon after witnessing the female on the beach. By the time the patrol found the site at 0330 hours, the female had returned to the ocean. Biologist Gallegos responded to the cell-phone call from Biologist Gore. It appears that the night patrol missed the crawl (and female?) in the dark. Ninety-two eggs were excavated from this nest during 0430-0530 hours; they were removed from the nest cavity and relocated to the Refuge nursery from 0605-0645 hours. When light permitted, some photographs were taken. Measurements of the crawl and nest cavity were also recorded.

All excavated nests were carefully moved to a safer, "nursery" location within the Back Bay National Wildlife Refuge by Refuge biological staff, placed into predator-proof cages, and reburied.

* These people were not doing the night patrol, they were called to the scent.



Nest #1 - Showing location on Refuge foredune, with Refuge staff searching for nest.



Nest #1 - Close-up of Excavated Nest Entrance



Crawl #5 - July 10, 1999 "False Nest" showing "Body Pit" with No Disturbed Sand Around It - Indicative of No Nest Excavation by Turtle.



Crawl #5 - Close-up - Showing Alternate Flipper Impressions and Central Shell Drag



Crawl #5 - Showing Excavated Body Pit Area and No Nest



Crawl #6 - July 10, 1999 - Showing Turtle Turn-around and Return to Ocean

Nest Relocation Data Reports are included as Appendix 1. Sea turtle nest fates for 1998 are summarized in the following table:

Table 1. 1999 LOGGERHEAD SEA TURTLE NESTING CHRONOLOGY

NEST #	DATE OF NESTING	LOCATION CODE	NUMBER OF EGGS	EXPECTED HATCH DATE	ACTUAL HATCH DATE
1	June 25, 1999	Back Bay NWR	134	Aug. 23, 1999	Aug.24-31,1999
2	July 07, 1999	False Cape State Park	92	Sept. 5, 1999	Sept.14, 1999
		Total # eggs excavated	226		

C. HATCH RESULTS

Refuge personnel excavated and relocated two loggerhead sea turtle nests during 1999. Nest success is detailed in Table 2. A total of two hundred twenty-six loggerhead sea turtle eggs were excavated and re-buried in the Refuge nursery by Refuge staff. Two hundred fifteen loggerhead hatchlings were released into the Atlantic Ocean from the Refuge beach. Refuge staff released the first set of hatchlings from the first nest during the early hours of August 24 on an outgoing high tide. Four hatchlings were transferred to the Virginia Marine Science Museum (Thomas Harder) on August 24, 1999, for scientific observations of growth rate and for public education. All hatchlings from the second nest were released a during the early morning hours of September 14.

The four hatchlings donated to the Virginia Marine Science Museum (VMSM) in 1998 were released into the Gulf Stream by the U.S. Coast Guard on October 19, 1999. Biologist Lamar Gore accompanied the VMSM biologists on the Coast Guard Cutter during the release of the much larger, one year old Loggerheads.

During the August 24-25 hatch of 122 hatchlings from Nest #1, Refuge public relations staff, visitors and a reporters from the *Virginia Pilot*, also turned out to assist with and view the hatchling release, at 0115-0200 hours. A good newspaper article with photographs appeared in the August 27th *Virginia Pilot*.

Table 3 provides an egg analysis for each nest during 1999. Soil and air temperatures were taken at the nursery site during the twice daily checks of each nest, 10-14 days prior to the expected hatch date. The average 1999 loggerhead nesting success rate was 97%. This nesting success rate was calculated based on the number of hatchlings successfully released from the two nests.

Vandalism struck the nursery site in November, prior to our excavation of the nesting containers to determine the number of unhatched eggs, and dead, unemerged hatchlings. Both cages had been dug up and removed by trespassers, and damaged in the process; since two pieces of a cage were found nearby. Neither container could be found, and are assumed stolen. Some or all of the

contents of one cage were dumped at the site, as evidenced by a pile of egg-shells and sand. Therefore, no estimate of unhatched eggs or unemerged hatchlings could be made this year.

There were no problems with red ant infestations this year, in either of the two nests. The nursery site selected this year was closely examined for ant colony presences. The presence of ant colonies is reason to disqualify a site as a turtle nursery.



A Nesting Container (like this one) Protects Relocated Nest/Eggs from Predators. Two of these containers were lost to vandals this year (1999).



Release of One Year Old Loggerheads into Sargassum of Gulf Stream - October 19, 1999



Released One Year Old Loggerhead



Vanishing into Sargassum of Gulf Stream

Table 2. 1999 Loggerhead Sea Turtle Nest Success Summary

Nest #	# Eggs Laid	# Eggs Hatched	# Hatchlings Released	# Unhatched Eggs	# Dead Hatchlings	Nesting Success (%)	Comments
1	134	131	127**	Unknown	Unknown	98	** Virginia Marine Science Museum received four live hatchlings on 8/24/99 for growth research and public education. 8/24-122 hatchlings emerged; 8/25- 4 hatchlings; 8/27- 2 hatchlings; 8/28- 2 hatchlings; 8/31- 1 hatchlings.
2	92	88	88	Unknown	Unknown	96	All 88 hatchlings emerged on 9/14.
Totals	226	219	215	Unknown*	Unknown*	97	

* Both nest containers were vandalized and removed prior to final inspection by biologists; only two pieces of one container remained.

Table 3. 1999 Loggerhead Sea Turtle Egg Analysis Summary

Nest #	# Eggs Laid	# Eggs Hatched	# Eggs Infertile	# Eggs Predated*	# Eggs Added	# Dead Embryos	# Unhatched Unknown	Comments
1	134	131	Unk.**	0*	Unk.**	Unk.**	3**	
2	92	88	Unk.**	0*	Unk.**	Unk.**	4**	
Total	226	219	Unk.**	0*	Unk.**	Unk.**	7**	

* Although the nesting containers were vandalized, predation was known to not have occurred, based on visual observations of nursery.

** Disposition of unhatched eggs could not be determined due to nesting containers vandalism and theft.

D. CAPTURE RESULTS

Night-time turtle patrols are scheduled 12 to 16 days after a nest is discovered, when the nesting female usually returns to nest a second or third time. No nesting loggerhead sea turtles were captured by Refuge personnel during 1999, despite lots of effort, frustration and exhaustion.

E. STRANDING RESULTS

Refuge staff met with Mark Swingle and other staff from the Virginia Marine Science on May 28th, 1999, to coordinate data gathering and management efforts governing sea turtle and marine mammal stranding policies, again this year. Part of this session involved beginning a new policy of collecting flipper muscle tissue samples from stranded (dead) sea turtles. These samples would be later analyzed for genetic differences or similarities, for a better understanding of sea turtle population dynamics along the East Coast. Consequently, each stranded sea turtle encountered during sea turtle patrols also had a "plug" of muscle tissue removed; that was labeled and frozen, for later collection by VMSM personnel. Refuge staff were trained on how to collect the tissue sample later at the Virginia Marine Science Museum's Stranding Center. Frozen samples gathered by Back Bay NWR were later collected by Christine Trapan of the VMSM.

Refuge personnel encountered a high number of sea turtle strandings this year. All strandings had already died. Each stranding was measured, examined for injuries and spray-painted, to deter would-be shell thieves. Some turtle strandings were removed from the beach and buried on the Refuge. From June 6 to September 19, forty-nine turtle strandings were discovered: 7 on Back Bay National Wildlife Refuge, 12 on False Cape State Park, 17 in the community of Sandbridge, and 13 on the Fort Story/Atlantic Oceanfront. Forty-six were Loggerheads, one was a Leatherback, and 2 were Kemp's Ridleys. The average length of the loggerheads was 70.7 cm (Range= 28cm-112cm); the two kemp's ridleys were 23.0cm and 26.5 cm; and the leatherback was 131cm (curved shell lengths). Stranding result reports are provided to the National Marine Fisheries Service, the Virginia Institute of Marine Science, and the Virginia Marine Science Museum. Copies of 1999 Stranding Reports are included as Appendix 2.

IV. CONCLUSIONS

Virginia Beach, Virginia provides crucial nesting habitat along the northern edge of the loggerhead sea turtle nesting range. Open beaches represent the only habitat available to nesting females in this area. Annual data obtained from this study provide significant insights into the nesting sea turtle population in its northernmost range. The presence of two loggerhead turtle nests along the heavily used Virginia Beach Resort's oceanfront during 1996, emphasizes the importance of not "writing off" such public beaches by biologists. These areas should be monitored for nesting sea turtle use, if our threatened and endangered nesting sea turtle populations are to be managed seriously and efficiently. Although no nests have been discovered in this "Resort Area" since 1996, we believe that monitoring should continue, as long as offshore impacts to potential nesting Loggerhead females continues. Information gathered during the 1999 sea turtle nesting patrols should provide information about the potential effects of beach replenishment projects on sea turtle nesting in this area, and how the current construction of the sea wall at the Virginia Beach Resort Oceanfront may affect sea turtle nesting in this area.

In order to obtain a more inclusive, local, nesting sea turtle population estimate, Back Bay National Wildlife Refuge staff patrolled and surveyed public beaches for sea turtle nesting evidence, that would otherwise probably not be covered. Refuge staff have also provided training and/or information for Dam Neck Naval Base Security and Virginia Beach City "Beachscapers" personnel, in an effort to recruit additional monitoring support by those personnel most likely to encounter nesting sea turtles, and their crawls during very early morning hours.

During this year's monitoring program, two Loggerhead sea turtle nests were discovered along the Back Bay NWR - False Cape State Park ocean-front this year, and relocated to a remote nursery site on Back Bay NWR. Those nests yielded 215 Loggerhead hatchlings that were released in excellent condition shortly after emergence from the nest. Hatch and release rates were very high (95% and 97%); showing that relocations out of unsuitable beach habitats, and into more protected areas, works well in this area.

Four, one-year-old Loggerheads from a Refuge nest in 1998, were also released into the Gulf Stream by the Marine Science Museum, on October 19, 1999 in the presence of Refuge Biologist Gore. Such an introduction may give a boost to the local breeding population. In addition, during the course of the daily patrols, 49 stranded sea turtles were discovered. This data and collected tissue samples, should provide new and valuable information on sea turtle demographics and population structure along the Eastern Seaboard.

Because of the frequency of night-time turtle duties including night-patrols, hatchling releases, and one of the two nest relocations this year, we experienced a shortage of photographs for this report. We apologize for that and will try to devise a way for night-time photography (without white flashes that disorient hatchlings and adults) in the future.

V. LITERATURE CITED

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APPENDIX 1

SEA TURTLE NEST RELOCATION DATA SHEETS

Nest 2
Crawl 4

DATA SHEET FOR CRAWLS & NEST RELOCATIONS

I. General Information (weather, time, tide level, wind speed, location, etc.)

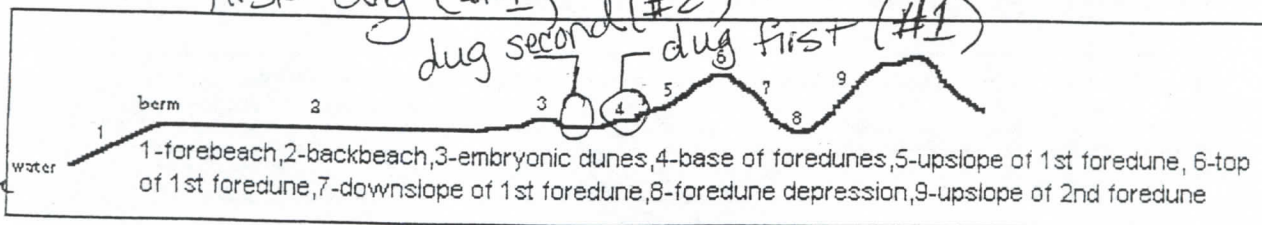
Date 7/7/99 Tide height high Estimated air temperature 75° F
General weather conditions (ie. % cloud cover, rainfall) humid
Wind speed & direction 10 mph S Location of crawl (~, include markers) In False Cape State Park, 9 miles south of False Cape Landing, 6 miles south of the Refuge Beach Ramp.
Latitude of Crawl 36°35'8" Longitude of Crawl 75°52'30"

II. Parties Involved

Lamar Gore and Sara Williams
Nancy Borton (UMSM Stranding center)

III. Data to be collected for Each Set of Tracks

Crawl # (ie. 1, 2, 3, ...) 4 Time crawl detected 1:00 am Date 7/7/99
Track measurements: (from where first visible near surf to nest site or end of crawl)
Length of incoming tracks (m) 24.9 + 3.3 Length of outgoing tracks (m) 39.65
Width of incoming tracks (cm) 90 + 95 Width of outgoing tracks (cm) 85
Flipper impressions alternate or opposite alt Were tracks prominent? yes
Distance from center of disturbed nesting area to toe of dunes NA
Topographical feature at end of tracks (CIRCLE area on diagram)
Was a nest found? YES false nest? no false crawl only? no



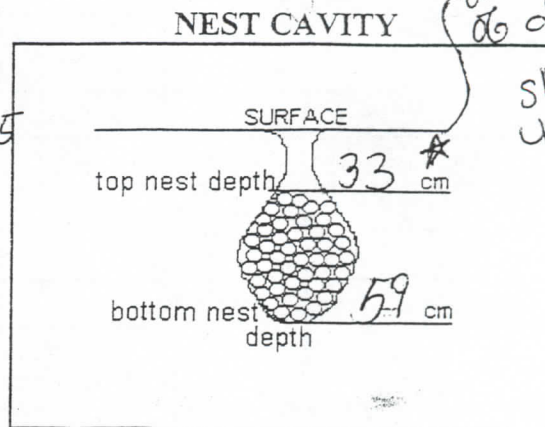
IV. Data to be collected for Each Nest (measurements of nest, egg #, etc.)

Original Nest Data:

Nest # (ie. 1, 2, 3, ...) 2 Crawl# 4
Time nest excavated 4:30 until 5:30
Width of disturbed nesting area 1.27 + 1.2
Length of disturbed nesting area 1.8 + 1.5
Nest cavity width at widest pt. 22
Nest cavity length at longest pt. 25
Total # eggs 92
#damaged eggs 0
#broken or predated eggs 0

Temperature of soil in nest cavity 28.6 + 1°C

Notes:



#2 dug twice - 2 points were 2.4 meters apart
we believe the turtle was disturbed by the vehicle and started to abandon the first hole,

Ernie probably left at this point, Gracie continued

Nest 1
Crawl 2

DATA SHEET FOR CRAWLS & NEST RELOCATIONS revised

I. General Information (weather, time, tide level, wind speed, location, etc.)

Date 6-25-99 Tide height mid ^{dropping} Estimated air temperature 75°F
General weather conditions (ie. % cloud cover, rainfall) 5% cloudy, sunny
Wind speed & direction 7.1 mph Location of crawl (~, include markers) 1.6 miles south of beach ramp, at nursery site
Latitude of Crawl 36°38'41" Longitude of Crawl 75°54'14"

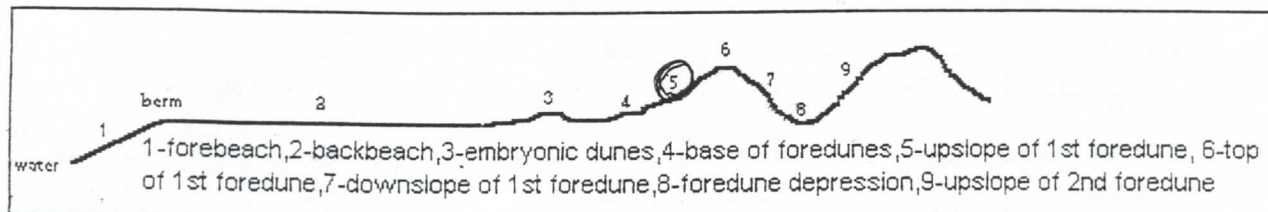
II. Parties Involved

Lamar Gore, Jason Schatti, Shannon Lebrter

III. Data to be collected for Each Set of Tracks

Crawl # (ie. 1, 2, 3, ...) 2 Time crawl detected 7:30 Date 6-25-99
Track measurements: (from where first visible near surf to nest site or end of crawl)
Length of incoming tracks (m) 24.4 Length of outgoing tracks (m) 25.3
Width of incoming tracks (cm) 1.12 m Width of outgoing tracks (cm) 1.1 m
112 cm 110 cm

Flipper impressions alternate or opposite alt Were tracks prominent? yes
Distance from center of disturbed nesting area to toe of dunes nest was on dune
Topographical feature at end of tracks (CIRCLE area on diagram)
Was a nest found? yes false nest? no false crawl only? no

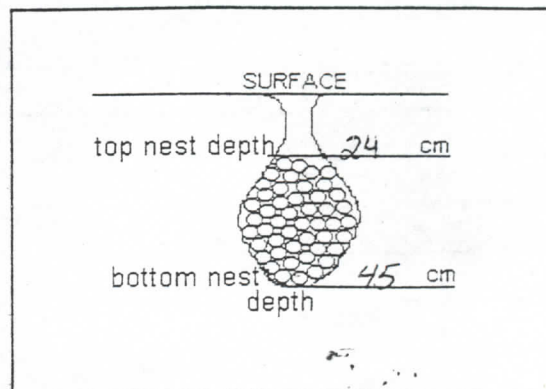


IV. Data to be collected for Each Nest (measurements of nest, egg #, etc.)

Original Nest Data:

Nest # (ie. 1, 2, 3, ...) 1 Crawl# 2
Time nest excavated 9:39 until 10:15
Width of disturbed nesting area 1.55 m.
Length of disturbed nesting area 2.1 m
Nest cavity width at widest pt. 38 cm.
Nest cavity length at longest pt. 35 cm
Total # eggs 134
#damaged eggs 0
#broken or predated eggs 0
Temperature of soil in nest cavity 22.9°C
Notes: 22.5

NEST CAVITY



APPENDIX 2

SEA TURTLE STRANDING REPORTS

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Jason A. Schatt Stranding Date 99-06-25

Address / Affiliation _____

Area Code / Phone Number Back Bay National Wildlife Refuge (757) 721-2412

Species CC Plum Tree Island National Wildlife Refuge

4005 Sandpiper Road

Virginia Beach, VA 23456 Turtle Number By Day 2

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County Va. Beach Photos _____

Location (be specific and include closest town) 4 mile south Sandbridge Rd.

Latitude 36°44'24" Longitude 75°56'30"

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1

Tag Number(s) (include tag return address and disposition of tag) _____

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Missing some head scutes, bloated some plastron scutes
missing & peeling off took flipper (front left)

MEASUREMENTS: CIRCLE UNITS

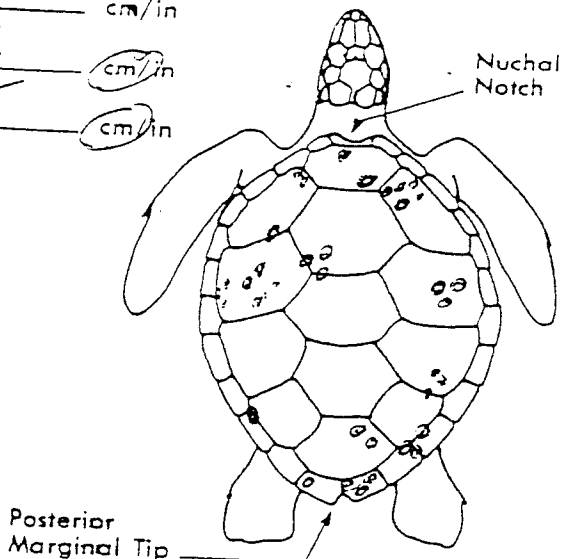
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 92.2 cm/in

Curved Width 89.5 cm/in

Mark wounds, abrasions, and locations



CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Taron A. Schatti Stranding Date 79 - 06 - 25

Address / Affiliation Back Bay National Wildlife Refuge
Phum Tree Island National Wildlife Refuge

Area Code / Phone Number 4005 Sandpiper Road
Virginia Beach, VA 23456

Species CC Turtle Number By Day 3

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County VA Beach Photos _____

Location (be specific and include closest town) Barbour Hill Nature Trail

Lebanon Falls State Park

Latitude 36° 37' 30" Longitude 75° 53' 16"

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 4

Tag Number(s) (include tag return address and disposition of tag) _____

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Both missing right flipper (front)
A few scutes peeling or missing on carapace
Missing left rear flipper Took tissue sample

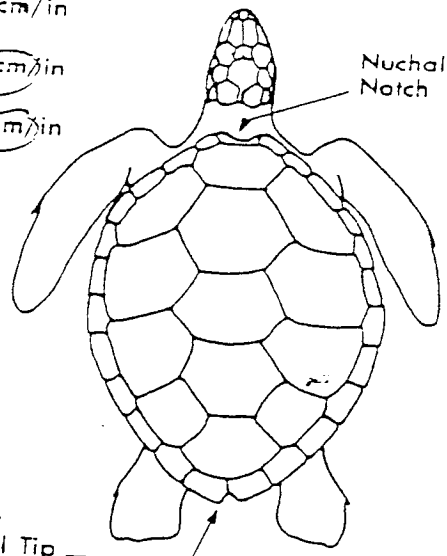
MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 65 cm/in

Curved Width 67 cm/in



Mark wounds, abnormalities, and excisions

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

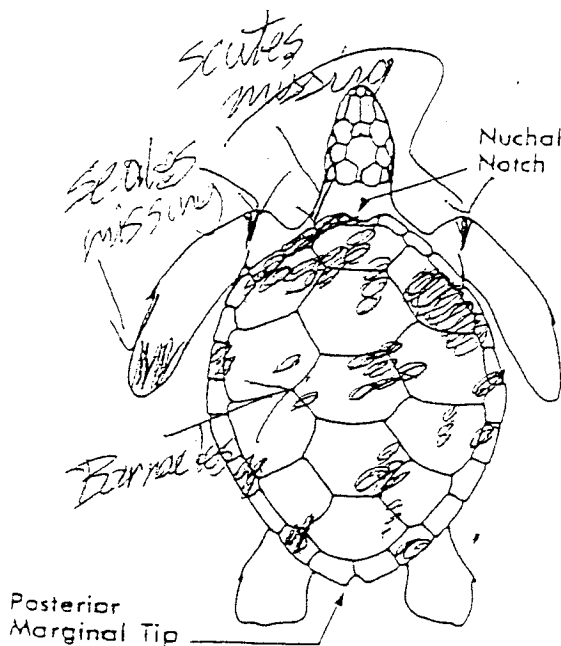
FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released

Back Bay National Wildlife Refuge
Sea Turtle Stranding Report
Fort Story, Resort Strip, and Croatan Beach

Date 6-25-99
Turtle # By Day 2
Observer's Full Name Christopher Walker
Location 65th Street on Resort near Federal
house - 6410
Species CC
Condition 1
Remarks no obvious wound, ill, blood,
scales missing at points of both front
flippers; barnacles on carapace

Curved Length (cm) 63.3
Curved Width (cm) 59.7



CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

Mark Swingle called 6/25/99.
of VA Beach removed the turtle
e beach before the stranding center
collect data. CHS transcribed ~~data~~ his
data onto
Back Bay National Wildlife Refuge
Sea Turtle Stranding Report
a NMFS
Fort Story, Resort Strip, and Croatan Beach form and
sent it to
VIIMS.

Date 6-25-99

Turtle # By Day 1

Observer's Full Name Christopher Wicker

Location 28th Street on resort beach at
Oceanfront

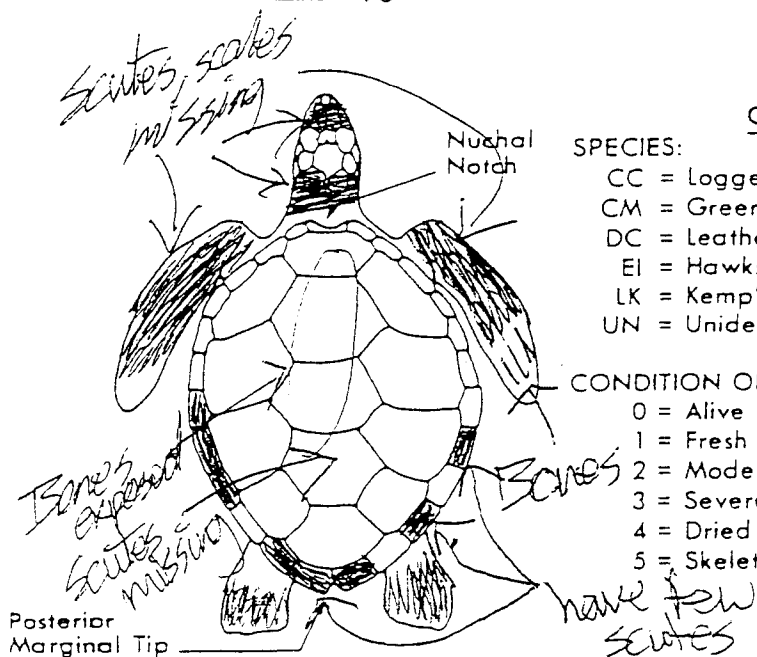
Species CC

Condition 3

Remarks materially bleached bones exposed in
middle of carapace, right hind flipper
seems loose (dislocated), first flipper - severely
decomposed, scales and scutes missing from
head, flippers, carapace

Curved Length (cm) 104.8

Curved Width (cm) 93.2



CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EI = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

A TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most posterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please give a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Christopher Wicker Stranding Date 99 - 06 - 25

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd., VA Beach, VA 23456

Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County VA Beach

Location (be specific and include closest town) 25th street on resort beach at Oceanfront

Latitude _____ Longitude _____

Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) Removed by City

Tag(s) (include tag return address and disposition of tag) None

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propeller damage, cellulomas, epizoa, etc.) continue on back if necessary

moderately bleached, bone exposed in middle of carapace, right hind flipper seems loose (dislodged), plastron - severely decomposed, scales and scutes missing from head, flippers, carapace

MEASUREMENTS: CIRCLE UNITS

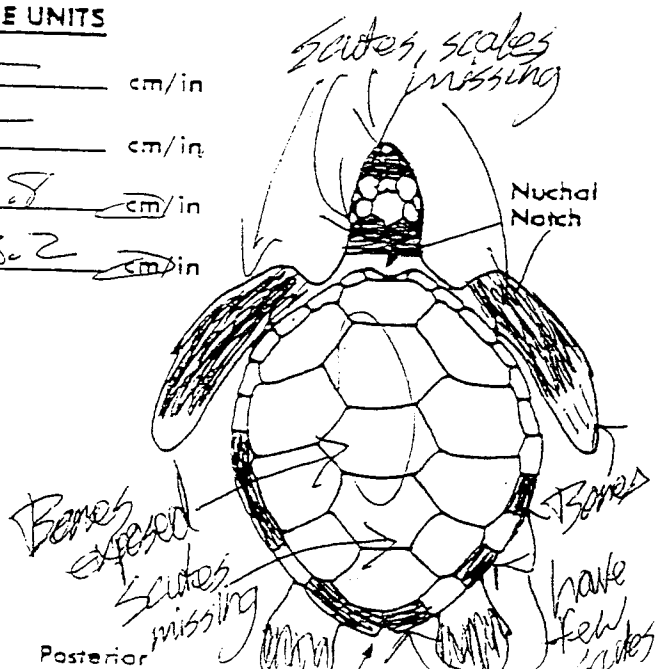
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 104.8 cm/in

Curved Width 93.2 cm/in

Mark _____
and tag locations



CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EI = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most posterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please give a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Christopher Wicker Stranding Date 99-6-6
year month day

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County VA Beach

Location (be specific and include closest town) 1/2 mile south of Fako Cape State Park border.

Latitude 36° 37' 40" Longitude 75° 54' 20"

Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 1

Tag Number(s) (include tag return address and disposition of tag) None

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Turtle is bleached and skeleton is obvious (see shaded in chart below).

MEASUREMENTS: CIRCLE UNITS

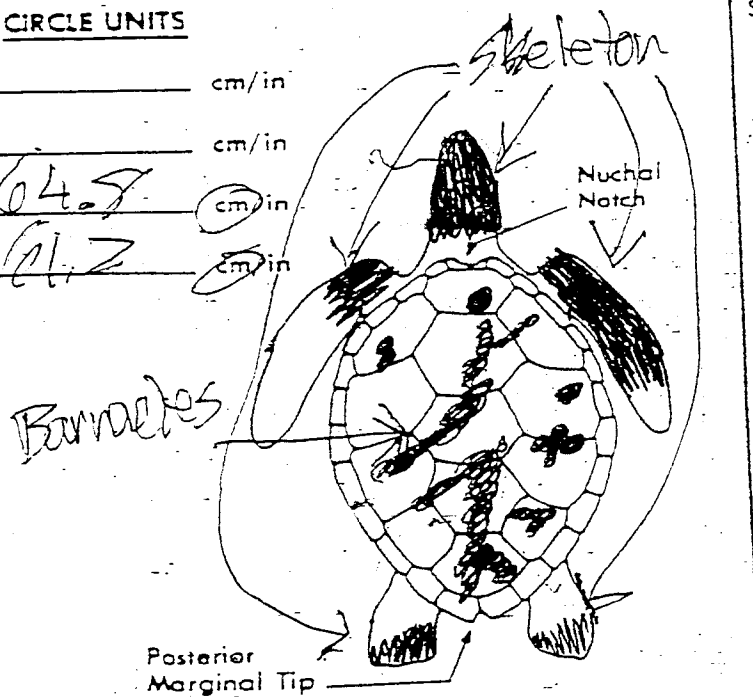
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 64.8 cm/in

Curved Width 61.2 cm/in

Mark wounds, abnormalities, and tag locations



CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EI = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach
- 6 = Alive, released
- 7 = Alive, taken to a holding facility

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (curator) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most posterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please give a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Christopher Wicker Stranding Date 99 - 05 - 14
year month day

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species LK Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County VA Beach

Location (be specific and include closest town) 1.5 (0.2) mile north of ramp in

North side of Back Bay NWR

Latitude 36° 40' 47" Longitude 75° 54' 58"

Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) _____

Tag Number(s) (include tag return address and disposition of tag) None

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

The turtle is severely decomposed with absence of its head and both front flippers. Its hind flippers have bones exposed. Most scales are absent and bones of carapace are nearly lost.

MEASUREMENTS: CIRCLE UNITS

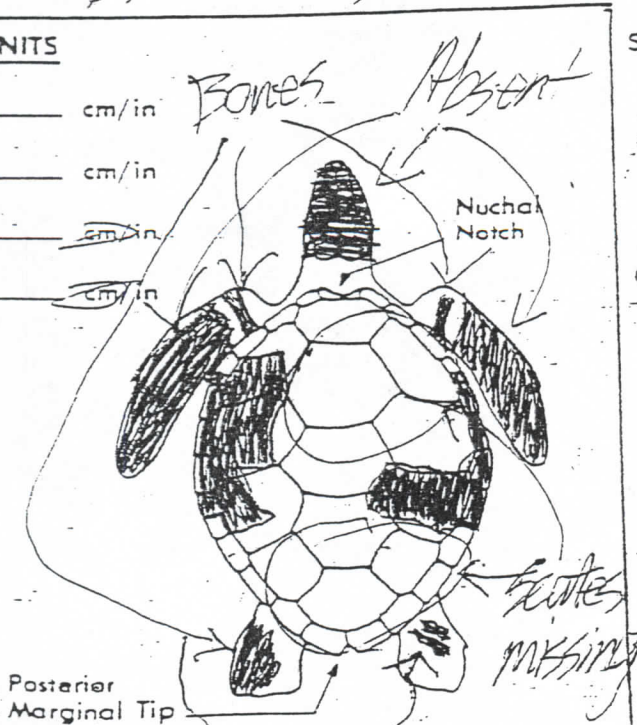
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 26.5 cm/in

Curved Width 26.2 cm/in

Mark wounds, abnormalities, tag locations



CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EI = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach
- 6 = Alive, released
- 7 = Alive, taken to a holding facility

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (cm/in) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most posterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please give a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Christopher Nickerson Stranding Date 10/22/13
year month day

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species CM Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined?

State VA County VA Beach

Location (be specific and include closest town) The turtle located on beach behind house numbered 2912 on Sandpiper Rd. Approximately 3 miles north of EBENWISSE

Latitude 36°43'48" Longitude 75°56'07"

Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 1 and 4

Tag Number(s) (include tag return address and disposition of tag) None

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

The turtle is markedly bloated and severely decomposed with skeleton exposed at head and flippers.

MEASUREMENTS: CIRCLE UNITS

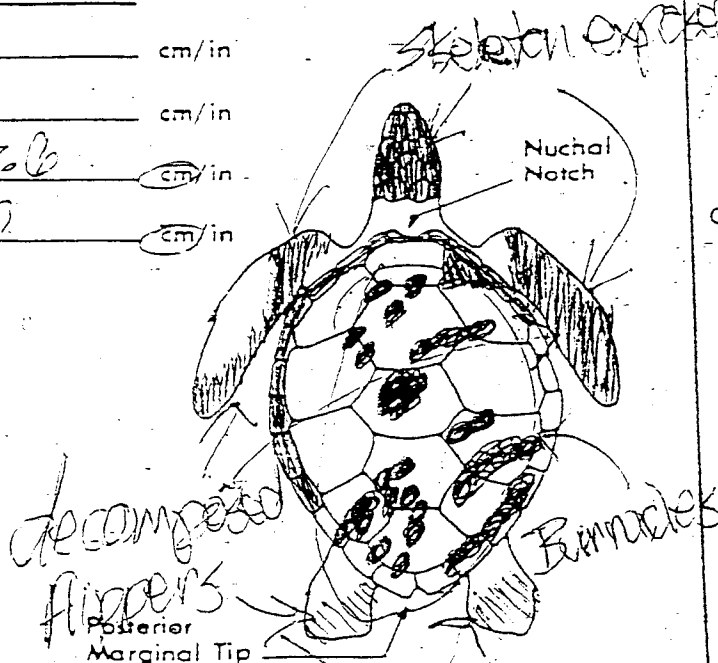
Straight Length cm/in

Straight Width cm/in

Curved Length 62.6 cm/in

Curved Width 52 cm/in

Mark wounds, abnormalities, tag locations



CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EI = Hawksbill
- LX = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach
- 6 = Alive, released
- 7 = Alive, taken to a holding facility

Back Bay National Wildlife Refuge
Sea Turtle Stranding Report
Fort Story, Resort Strip, and Croatan Beach

Date 6-12-99

Turtle # By Day 1

Observer's Full Name Chris Wicker

Location 1 mile east of Cape Henry
beach entrance at Fort Story

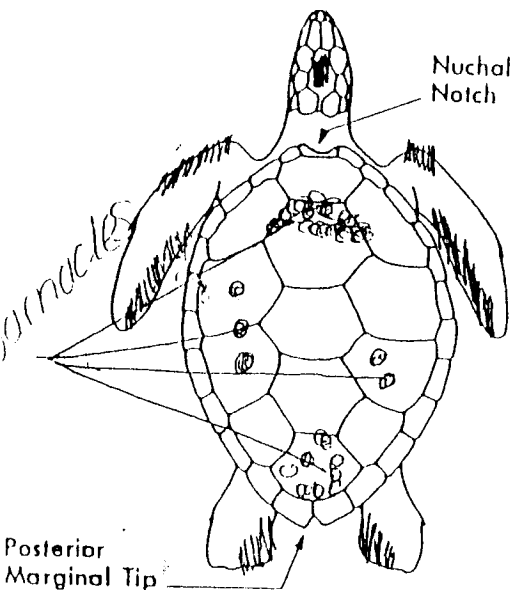
Species CC

Condition 2

Remarks no obvious wounds, some barnacles
on carapace and head, peeling off scales
on flippers and head.

Curved Length (cm) 73.5

Curved Width (cm) 70



CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

Back Bay National Wildlife Refuge
Sea Turtle Stranding Report
Fort Story, Resort Strip, and Croatan Beach

Date 6/13/99

Turtle # By Day 01

Observer's Full Name Jason Schatti

Location Kudee Inlet, VB, VA

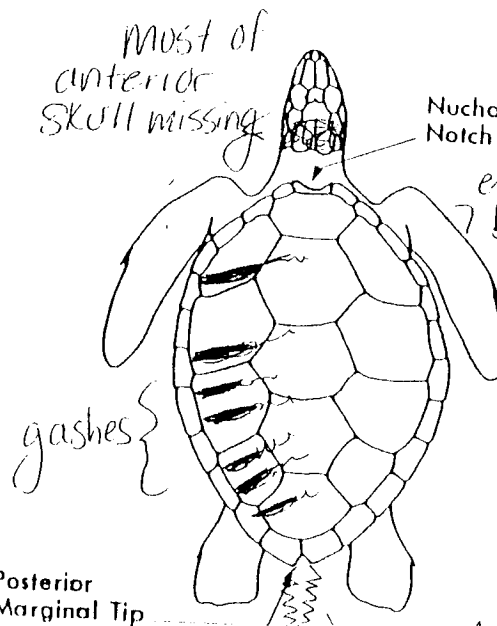
Species DC

Condition 2-3

Remarks On 6/13, turtle was still floating.
Measurements taken on 6/14 when
turtle washed up on beach.

Curved Length (cm) 131

Curved Width (cm) 113



CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line () and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most posterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please give a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sarah T. Williams Stranding Date 99-06-16

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 01

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County _____

Location (be specific and include closest town) Sandbridge Beach, N End 2.7 miles North of Sandbridge Market Behind house #2412 on Sandbridge Rd

Latitude 36°45'16" Longitude 76°56'46"

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1, 4

Tag Number(s) (include tag return address and disposition of tag) _____

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

algae and barnacles on shell
neck is broken, no injuries
took muscle sample from front left flipper

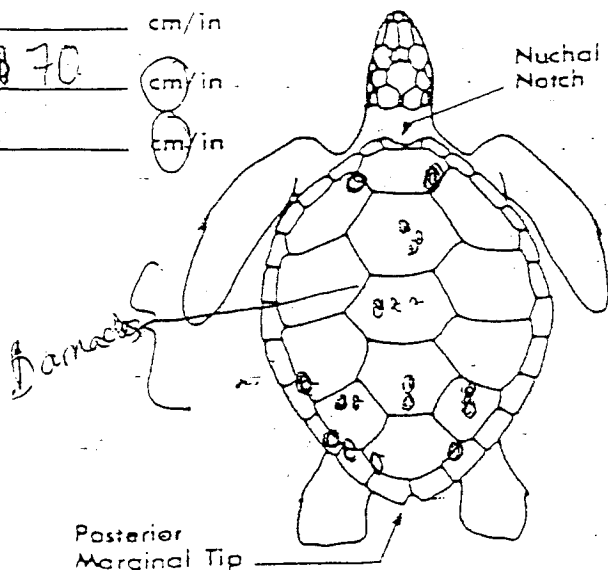
MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 70 cm/in

Curved Width 66 cm/in



CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EI = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach
- 6 = Alive, released
- 7 = Alive, taken to a holding facility

Mark wounds, abnormalities, and tag locations

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (corner) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please give a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara Williams Stranding Date 99-06-17
year month day

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 01

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State Virginia County City Virginia Beach

Location (be specific and include closest town) at border of Little Island City

park and Back Bay NWR (in Little Island)

Latitude 36° 41' 18" N Longitude 75° 55' 10" W

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1 and 4

Tag Number(s) (include tag return address and disposition of tag) _____

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

front right and back right flippers are damaged
Measurements taken over barnacles. Blotted body muscle
sample taken from front left flipper

MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

Straight Width _____ cm/in

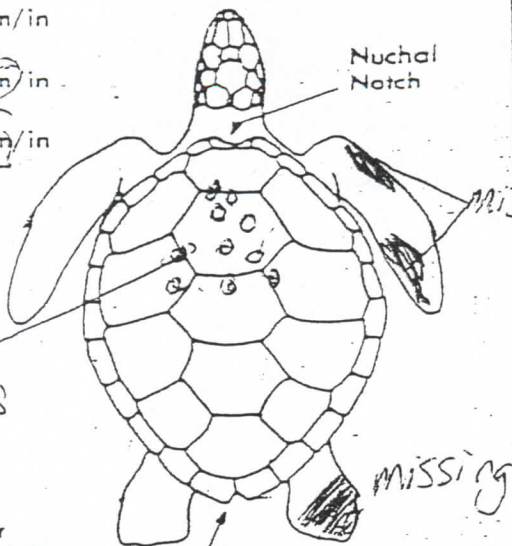
Curved Length 64 cm/in

Curved Width 63 cm/in

Mark wounds, abnormalities, tag locations

barnacles

Posterior Marginal Tip



CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EI = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach
- 6 = Alive, released
- 7 = Alive, taken to a holding facility

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara T. Williams Stranding Date 99-06-18

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 01

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County Virginia Beach

Location (be specific and include closest town) 50 meters south of BBNWR and False Cape State Park's border, in False Cape

Latitude 36° 37' 50" Longitude 75° 53' 26"

Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 1 & 4

Tag Number(s) (include tag return address and disposition of tag) no tags

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Ribs are protruding through skin on the sides b/c of decomposition. Front left flipper is missing, all other limbs perfectly in tack

MEASUREMENTS: CIRCLE UNITS

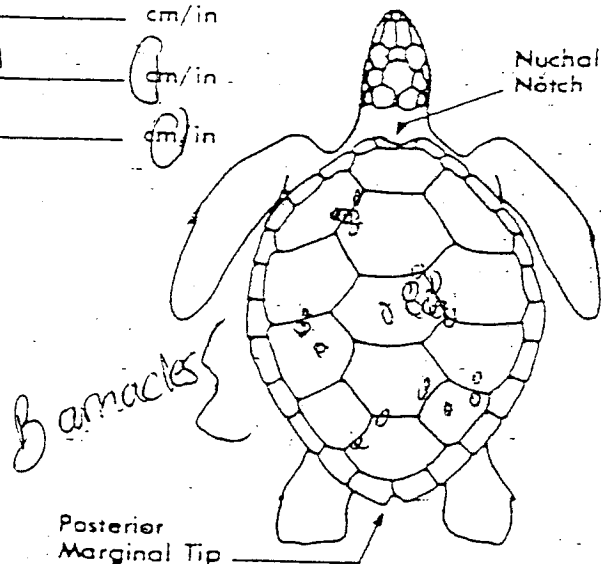
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 69 cm/in

Curved Width 106 cm/in

Mark wounds, abnormalities, and tag locations



CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released
7 = Alive, taken to a holding facility

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara T. Williams Stranding Date 99-06-18
year month day

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 02

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County Virginia Beach

Location (be specific and include closest town) 2812 Sandpiper Rd. South end of Sandbridge just after Tuna Lane, VB, VA

Latitude 36°43'25" Longitude 75°56'19"

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1 and 4
Removed by USFWS

Tag Number(s) (include tag return address and disposition of tag) _____

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propeller damage, papillomas, epizoa, etc.) continue on back if necessary

Blood dripping from mouth, body is bloated
Scale missing from top of head and costal
scutes of carapace. Took muscle sample (front left flipper)

MEASUREMENTS: CIRCLE UNITS

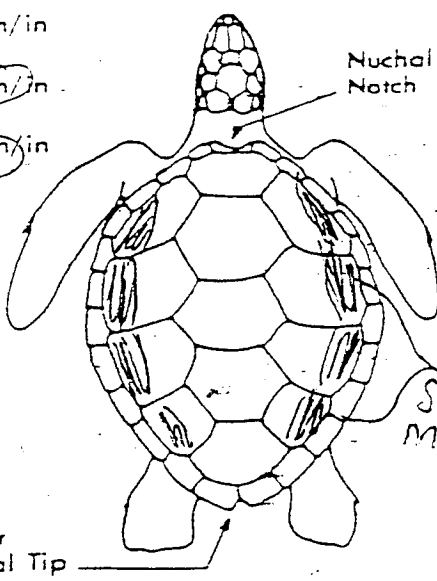
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 59 cm/in

Curved Width 59 cm/in

Mark wounds, abnormalities, and tag locations



SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EL = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach
- 6 = Alive, released
- 7 = Alive, taken to a holding facility

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most posterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara T. Williams Stranding Date 99-06-18

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 03

Reliability of I.D.: (CIRCLE) Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Undetermined How was sex determined? by carapace

State VA County Virginia Beach

Location (be specific and include closest town) across the street from 2705 (semi-ocean front) Sandfielder Rd, Sandbridge, VA

Latitude 36°44'08" Longitude 75°77'16"

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1 & 4: Removed by carapace

Tag Number(s) (include tag return address and disposition of tag) by carapace

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Many barnacles on shell, scales missing on neck, upper sections of flippers. Back right flipper decomposed and torn

MEASUREMENTS: CIRCLE UNITS

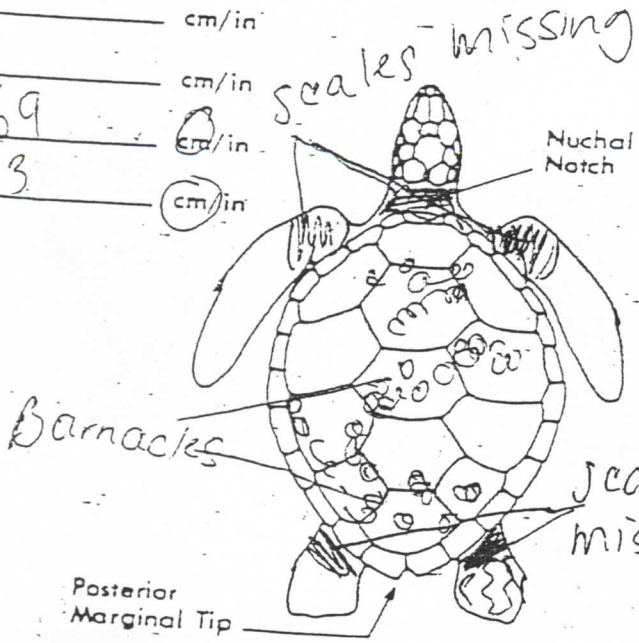
Straight Length cm/in

Straight Width cm/in

Curved Length 69 cm/in

Curved Width 63 cm/in

Mark wounds, abnormalities, and locations



CODES:

SPECIES:
CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara T. Williams Stranding Date 99-06-18

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 04

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County Virginia Beach

Location (be specific and include closest town) 2744 Sandhopper Rd. Sandbridge, Virginia Beach, VA

Latitude 36° 44' 14" N Longitude 75° 77' 18" W

Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 104 removed

Tag Number(s) (include tag return address and disposition of tag) _____

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propeller damage, papillomas, epizoa, etc.) continue on back if necessary

badly decomposing, body is extremely bloated, almost falling out of shell
left front flipper removed

MEASUREMENTS: CIRCLE UNITS

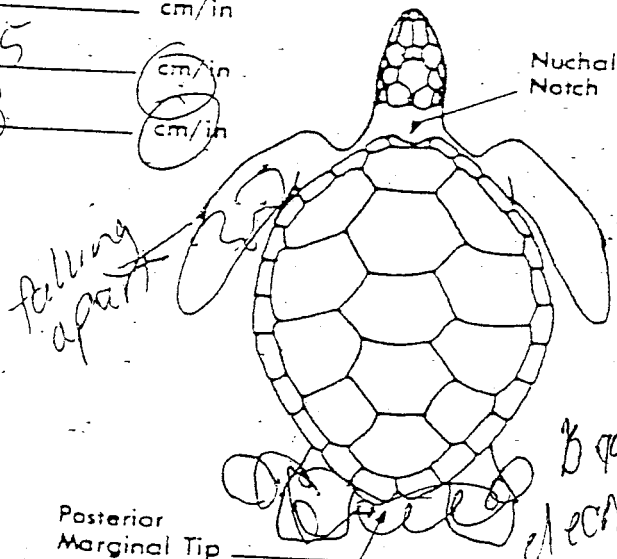
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 72.5 cm/in

Curved Width 73 cm/in

Mark wounds, abnormalities, and locations



CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released
7 = _____

Back Bay National Wildlife Refuge
Sea Turtle Stranding Report

Fort Story, Resort Strip, and Croatan Beach

Date 6-19-99

Turtle # By Day 1

Observer's Full Name Christopher Wicker

Location IL is located between 35° and 36° N
40° W in the Atlantic Ocean

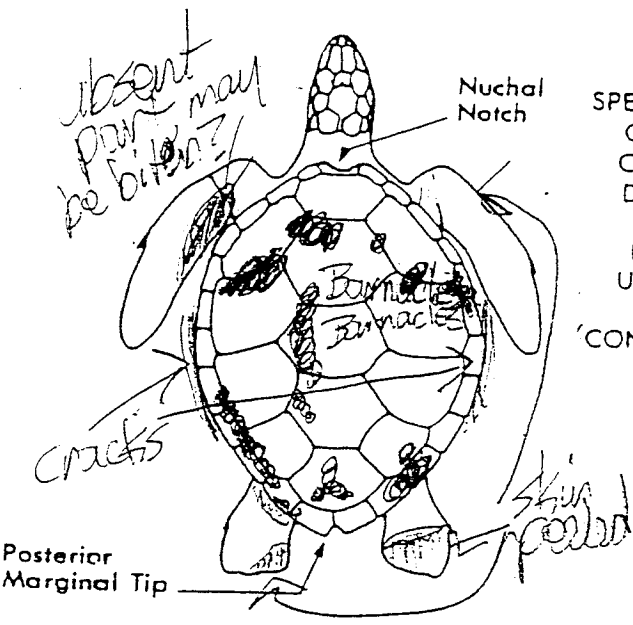
Species CC

Condition 2

Remarks The turtle is severely bloated
no obvious wounds. Both sides cracked
but can swimming and direction up to
bloating. Part of front left flipper is
absent, may be due to biting?

Curved Length (cm) 106.2

Curved Width (cm) 93



CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EL = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Taron A. Schatti Stranding Date 99-06-19

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County VA Beach

Location (be specific and include closest town) Sandbridge Beach is front of 2584 Sandhopper Rd. ~ 1/4 mile south of Sandbridge Rd.

Latitude 36° 43' 25" N Longitude 75° 56' 14" W

Condition of Turtle (use codes) 1-2 (6/12-) Final Disposition of Turtle (use codes) 1 & 4

Tag Number(s) (include tag return address and disposition of tag) _____

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

No obvious wounding that might have caused trauma. Turtle was a bit bloated and looked to have been picked at. Took a tissue sample from left front flipper

MEASUREMENTS: CIRCLE UNITS

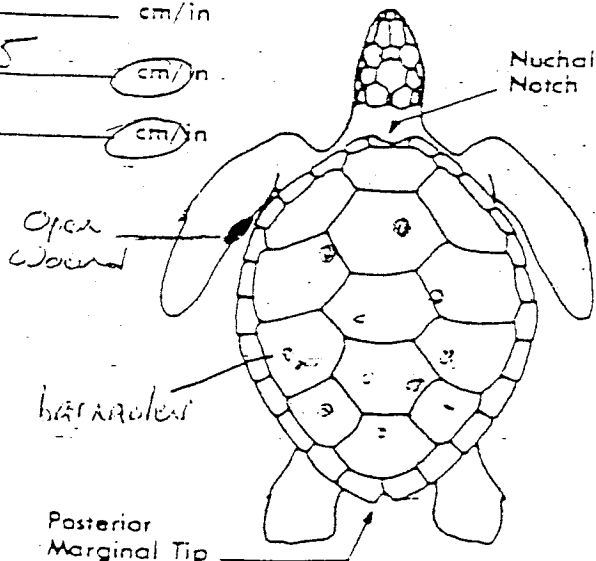
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 58.5 cm/in

Curved Width 52 cm/in

Mark wounds, abnormalities, tagging locations



CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (ruler) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Christopher Wicken Stranding Date 99 - 16 - 20

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined?

State VA County VA Beach

Location (be specific and include closest town) 2.5 miles north of NC border, in False Cape State Park

Latitude 36° 35' 12" Longitude 75° 52' 30"

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1 + took muscle sample

Tag Number(s) (include tag return address and disposition of tag) None

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

It is moderately bleached; scutes missing from anterior carapace and head; scales missing from flippers. Right side of head is broken and skeleton exposed. Measured length over barnacles at posterior.

MEASUREMENTS: CIRCLE UNITS

Straight Length cm/in

Straight Width cm/in

Curved Length 67.5 cm/in

Curved Width 62.5 cm/in

scutes missing Right side of skeleton head broken Nuchal Notch

Scales missing Barnacles

Posterior Marginal Tie

CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara T. Williams Stranding Date 99 - 06 - 22
 Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456
 Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 01
 Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____
 State VA County Virginia Beach

Location (be specific and include closest town) at Little Island City Park and BBWR border in Little Island

Latitude 36° 41' 18" Longitude 75° 55' 10"

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1 & 4

Tag Number(s) (include tag return address and disposition of tag) no tags
(dit not scanned)

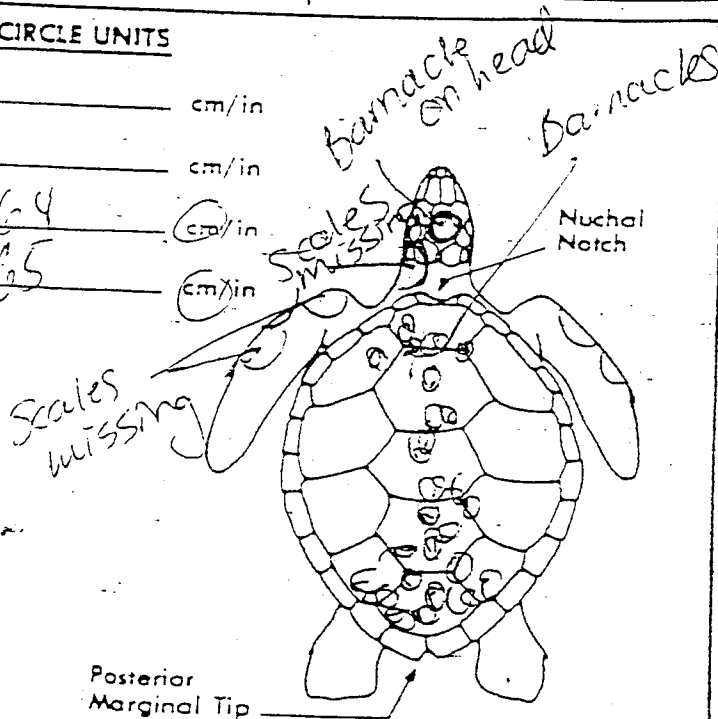
Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Measurements taken over barnacles. Barnacles on shell.
scales have been torn in areas
Muscle sample removed from left front flipper

MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in
 Straight Width _____ cm/in
 Curved Length 64 cm/in
 Curved Width 65 cm/in

Mark wounds, abnormalities, and locations



CODES:

SPECIES:

CC = Loggerhead
 CM = Green
 DC = Leatherback
 EI = Hawksbill
 LX = Kemp's ridley
 UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
 1 = Fresh dead
 2 = Moderately decomposed
 3 = Severely decomposed
 4 = Dried carcass
 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
 2 = Buried: on beach / off beach
 3 = Salvaged specimen: all / part
 4 = Pulled up on beach or dune
 5 = Unpainted, left on beach
 6 = Alive, released
 7 = Alive, taken to lab

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara T. Williams Stranding Date 99-06-30
 Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456
 Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 02

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County Virginia Beach

Location (be specific and include closest town) In False Cape State Park

2.7 miles south of BBNWR / FESP border

Latitude 36° 35' 45" Longitude 72° 52' 45"

Condition of Turtle (use codes) 2-3 Final Disposition of Turtle (use codes) 1-4

Tag Number(s) (include tag return address and disposition of tag) no tags

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary Muscle sample taken from left front flipper

Some barnacles were left on for carapace measurements
When scraping barnacles off carapace, scutes pulled away easily
exposing bone underneath. Carapace is beginning to lose its structure.

MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

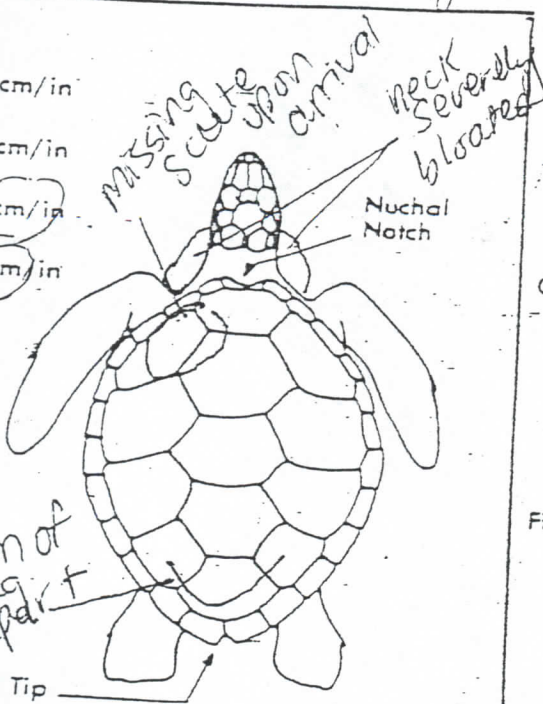
Straight Width _____ cm/in

Curved Length 66 cm/in

Curved Width 62 cm/in

Mark wounds, abnormalities, and locations
scales on body are flaking off

this section of shell is falling apart
Posterior Marginal Tip



SPECIES: CC = Loggerhead CM = Green DC = Leatherback EI = Hawksbill LK = Kemp's ridley UN = Unidentified
 CODES: A Strange Worm was imbedded in fresh under scute and crawled out once scute was removed

CONDITION OF TURTLE: was removed
 0 = Alive
 1 = Fresh dead
 2 = Moderately decomposed
 3 = Severely decomposed
 4 = Dried carcass
 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:
 1 = Painted, left on beach
 2 = Buried: on beach / off beach
 3 = Salvaged specimen: all / part
 4 = Pulled up on beach or dune
 5 = Unpainted, left on beach
 6 = Alive, released

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Lamar Gore & Shannan Lehter Stranding Date 99 - 6 - 23

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species Loggerhead CC Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State Virginia County Virginia Beach

Location (be specific and include closest town) Sand Bridge (North End) 2324

Sandfiddler Rd., VB, VA. about 500 yds. south of Stumer

Latitude 36° 45' 16" N Longitude 75° 56' 50" W

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1

Tag Number(s) (include tag return address and disposition of tag) No tag

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Many barnacles, right flipper (half missing)
left flipper taken

MEASUREMENTS: CIRCLE UNITS

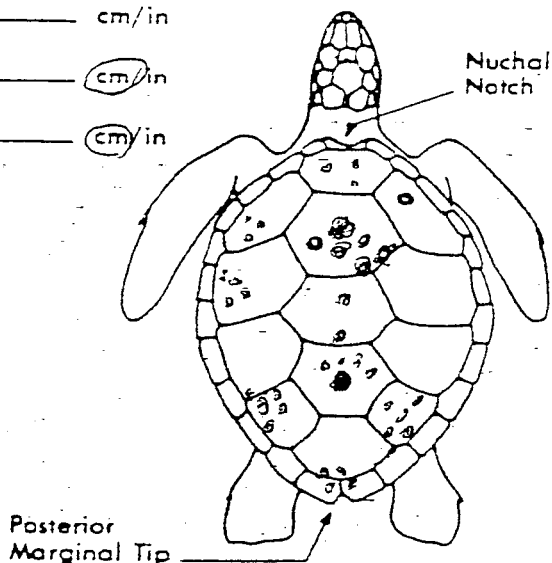
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 75 cm/in

Curved Width 73 cm/in

Mark wounds,
anomalies,
tag locations



CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released
7 = Alive, taken to a holding facility

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Lamar Gore + Shannon Lehter Stranding Date 6 - 23 - 99

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species Loggerhead CC Turtle Number By Day 2

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State Virginia County Virginia Beach

Location (be specific and include closest town) Back Bay NWR North mile
300' m. from North barrier

Latitude 36° 41' 00" N Longitude 75° 55' 05" W

Condition of Turtle (use codes) 1 Final Disposition of Turtle (use codes) 1

Tag Number(s) (include tag return address and disposition of tag) no tag

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Plot of burrows all over turtle including head and flippers

MEASUREMENTS: CIRCLE UNITS

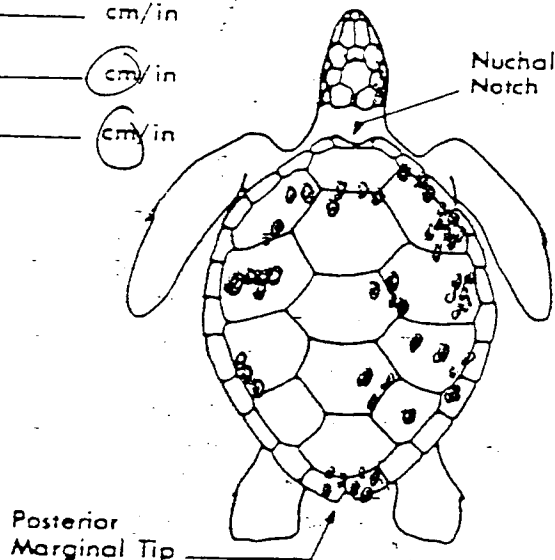
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 66.5 cm/in

Curved Width 12.5 cm/in

Mark wounds,
abnormalities,
tag locations



CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released
7 = Alive, taken to a holding facility

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Lamar Gore + Shannon Lehter Stranding Date 10 - 23 - 99
year month day
 Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species Loggerhead CC Turtle Number By Day 3

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State Virginia County Virginia Beach

Location (be specific and include closest town) Back Bay NWR 1 mile South of Beach camp

Latitude 36° 40' 23" N Longitude 75° 54' 14" W

Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 1

Tag Number(s) (include tag return address and disposition of tag) no tag

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Ten decomposed for muscle sample Bones showing through

MEASUREMENTS: CIRCLE UNITS

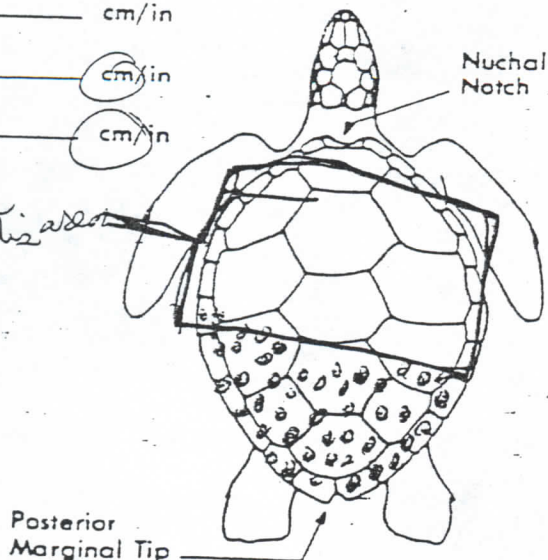
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 61 cm/in

Curved Width 56 cm/in

Mark wounds, abnormalities, and tag locations



CODES:

SPECIES:

CC = Loggerhead
 CM = Green
 DC = Leatherback
 EI = Hawksbill
 LK = Kemp's ridley
 UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
 1 = Fresh dead
 2 = Moderately decomposed
 3 = Severely decomposed
 4 = Dried carcass
 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
 2 = Buried: on beach / off beach
 3 = Salvaged specimen: all / part
 4 = Pulled up on beach or dune
 5 = Unpainted, left on beach
 6 = Alive, released
 7 = Alive, taken to a holding facility

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Lamar Gore + Shannon Lehter Stranding Date 10 - 23 - 99
 Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species Loggerhead Turtle Number By Day 4

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State Virginia County Virginia Beach

Location (be specific and include closest town) Back Bay NWR 7 miles south of beach camp

Latitude 36° 38' 48" Longitude 75° 53' 50"

Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 1

Tag Number(s) (include tag return address and disposition of tag) no tag

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Head missing

MEASUREMENTS: CIRCLE UNITS

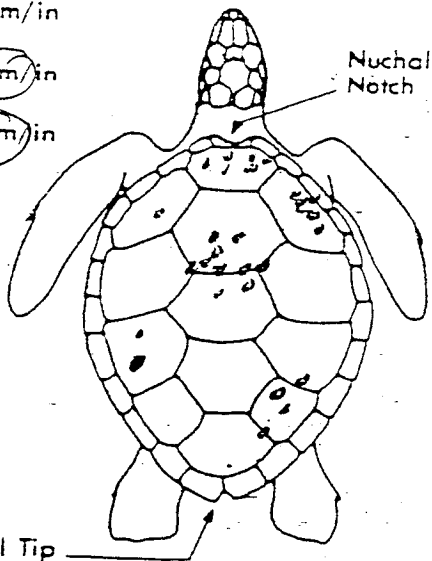
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 68.5 cm/in

Curved Width 68.5 cm/in

Mark wounds, abnormalities, tag locations



CODES:

SPECIES:

CC = Loggerhead
 CM = Green
 DC = Leatherback
 EI = Hawksbill
 LK = Kemp's ridley
 UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
 1 = Fresh dead
 2 = Moderately decomposed
 3 = Severely decomposed
 4 = Dried carcass
 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
 2 = Buried: on beach / off beach
 3 = Salvaged specimen: all / part
 4 = Pulled up on beach or dune
 5 = Unpainted, left on beach
 6 = Alive, released
 7 = Alive, taken to hospital

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Lamar Gore + Shannon Lehrter Stranding Date 6 - 23 - 99
Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species Loggerhead CC Turtle Number By Day 5

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State Virginia County Virginia Beach

Location (be specific and include closest town) False Cape State Park 1.5 miles North of North Carolina Border

Latitude 36° 35' 41" Longitude 75° 52' 25"

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1

Tag Number(s) (include tag return address and disposition of tag) no tag

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Bones showing on head, left flipper missing

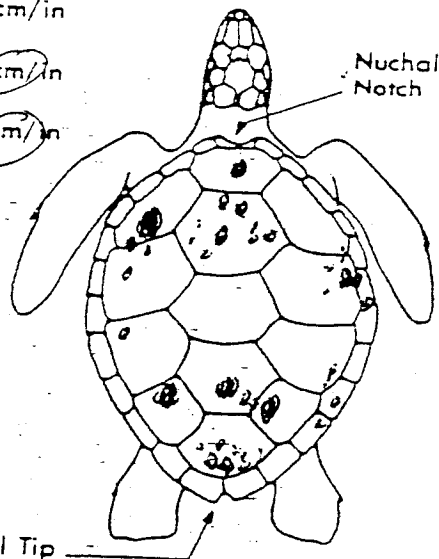
MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 70.5 cm/in

Curved Width 75 cm/in



CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released
7 = Alive, taken to a holding facility

Mark wounds, abnormalities, and locations

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Lamar Gore + Shannan Lehrter Stranding Date 99 - 6 - 23

Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd, VA. Beach, VA. 23456

Area Code / Phone Number (757) 721-2412

Species Loggerhead CC Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State Virginia County Virginia Beach

Location (be specific and include closest town) Sand Bridge (North End) 2324

Sandfiddler Rd., UB, VA. about 500 yds. south of Stinson

Latitude 36°45'16" Longitude 75°56'50" N end

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1

Tag Number(s) (include tag return address and disposition of tag) No tag

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Many barnacles, right flipper (half missing)
left flipper taken

MEASUREMENTS: CIRCLE UNITS

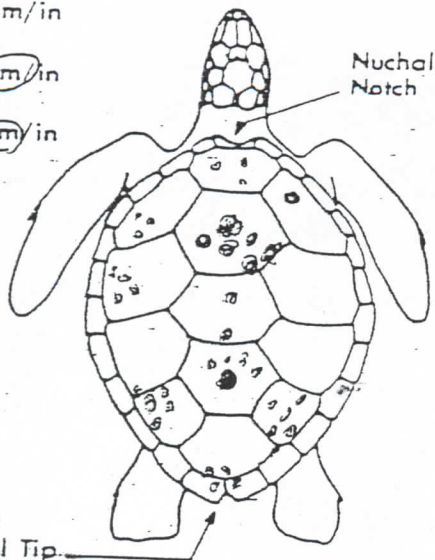
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 75 cm/in

Curved Width 73 cm/in

Mark wounds, abnormalities, and tag locations



CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive -
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released
7 = Alive, taken to a holding facility

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara Williams + Shannon Lehter Stranding Date 6 - 24 - 99
 Address / Affiliation BB NWR, 4005 Sandpiper Rd, Virginia Beach, VA
 Area Code / Phone Number 757 721 2412 23456

Species Loggerhead Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County Virginia Beach

Location (be specific and include closest town) 3384 Sandfiddler Road, .65 miles north of Little Island City Park

Latitude 36° 46' 13" Longitude 75° 51' 21"

Condition of Turtle (use codes) 2-3 Final Disposition of Turtle (use codes) 1

Tag Number(s) (include tag return address and disposition of tag) no tags

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Flippers and head missing, bones exposed, front left humerus bone missing All scutes except for C2 & C3 missing

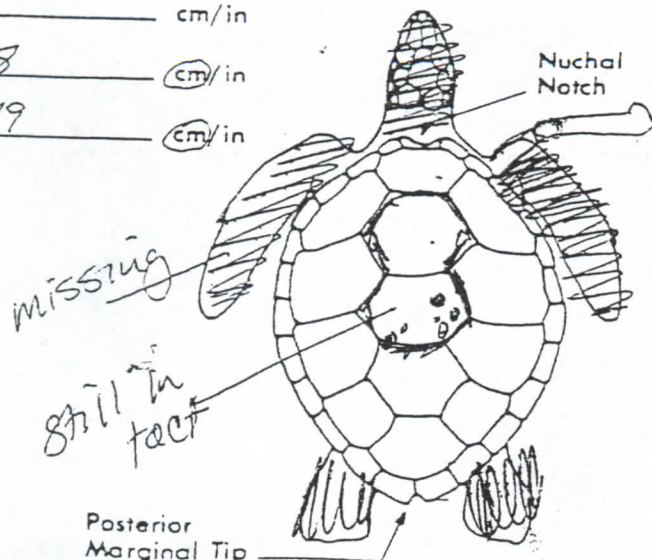
MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 78 cm/in

Curved Width 89 cm/in



Mark wounds, abnormalities, and tag locations

CODES:

SPECIES:

CC = Loggerhead
 CM = Green
 DC = Leatherback
 EI = Hawksbill
 LK = Kemp's ridley
 UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
 1 = Fresh dead
 2 = Moderately decomposed
 3 = Severely decomposed
 4 = Dried carcass
 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
 2 = Buried: on beach / off beach
 3 = Salvaged specimen: all / part
 4 = Pulled up on beach or dune
 5 = Unpainted, left on beach
 6 = Alive, released

Back Bay National Wildlife Refuge Sea Turtle Stranding Report

Back Bay National Wildlife Refuge Sea Turtle Stranding Report

Date 16-24-99

Date 6/23/99

Turtle # By Day 1

Turtle # By Day 1

Observer's Full Name Christopher White

Observer's Full Name Jason A. SchlaH.

Location Between 12th and 13th streets on

Location 1/2 mile east Fort Story Offshore

Species LK

Species LK

Condition 2

Condition 2

Remarks mildly bloated, lots of barnacles on

Remarks A little bloated, shell intact, no

carapace, neck, flippers, and one from

visible flippers, same skin removed from

carapace. looks like a cut on front left flipper

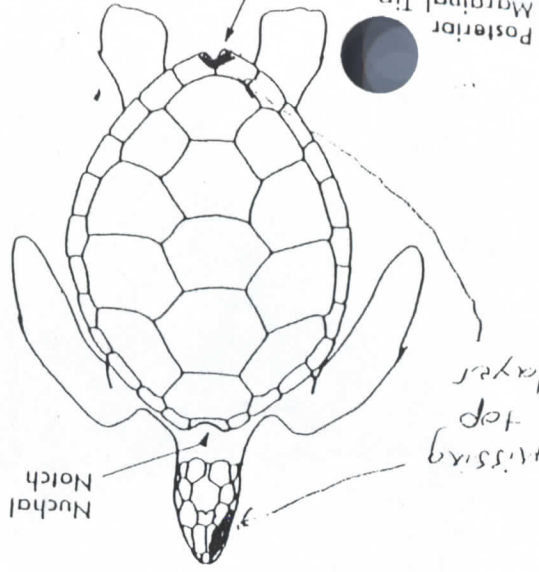
front left of head and rear of shell.

Curved Length (cm) 58.2

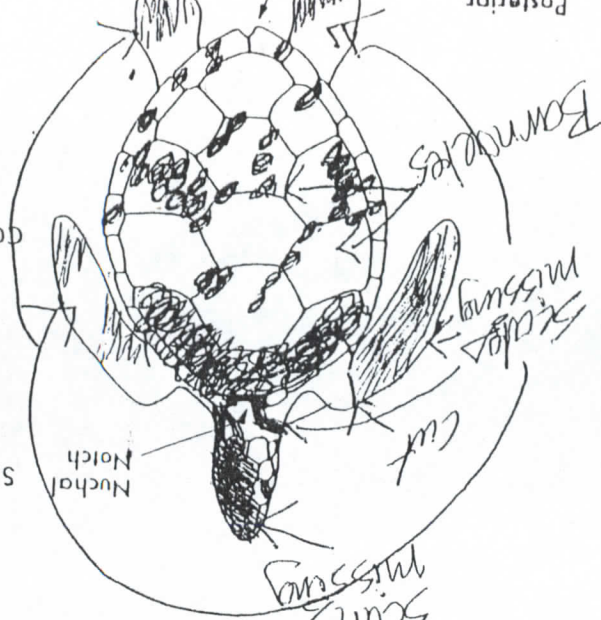
Curved Length (cm) 23

Curved Width (cm) 52.4

Curved Width (cm) 23.3



CODES:
SPECIES:
CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified
CONDITION OF TURTLE:
0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only



CODES:
SPECIES:
CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified
CONDITION OF TURTLE:
0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara T. Williams Shannon Lehter Stranding Date 99 - 06 - 24
Address / Affiliation Back Bay Nat'l Wildlife Refuge, 4005 Sandpiper Rd, VA Beach, VA 23456
Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 02

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County VB

Location (be specific and include closest town) 3280 Sandfiddler Rd, VB, VA
0.75 miles N of Little Island City Park

Latitude 36°42'17"N Longitude 72°55'40"W

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1

Tag Number(s) (include tag return address and disposition of tag) no tags

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

many barnacles on shell, some on top of head (3)
scales of flippers missing, neck is slightly bloated
muscle sample removed from front left flipper, measurements taken

MEASUREMENTS: CIRCLE UNITS

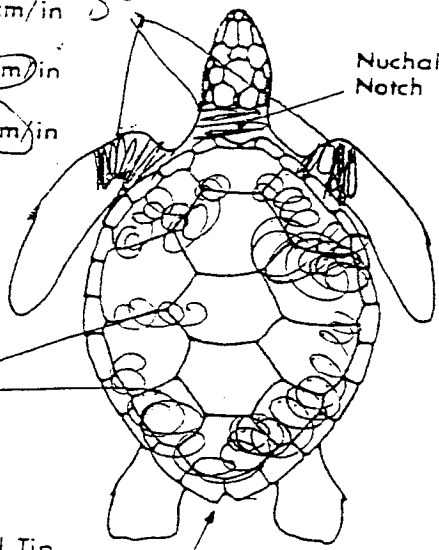
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 68.5 cm/in

Curved Width 63.5 cm/in

scales missing



SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EI = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach
- 6 = Alive, released

Mark wounds, abnormalities, and tag locations

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (across) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most posterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please give a specific location description. INCLUDE LATITUDE AND LONGITUDE.

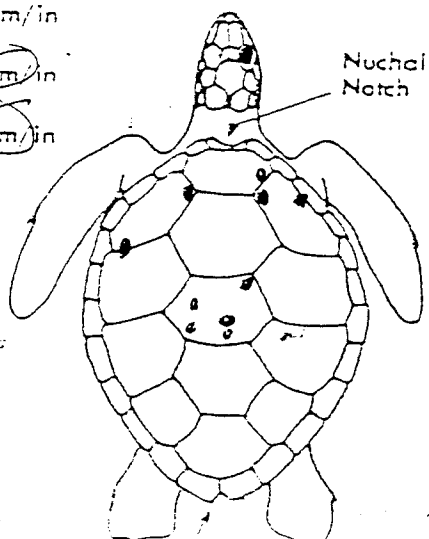
Observer's Full Name James Goldmeyer
Sarah Williams + Shannon Lehter Stranding Date 6 - 24 - 99
 Address / Affiliation Back Bay National Wildlife Refuge, 4005 Sandpiper Rd,
VA Beach, VA 23456
 Area Code / Phone Number (757) 721-2412
 Species Loggerhead Turtle Number By Day 3
 Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☐
 Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____
 State VA County Virginia Beach
 Location (be specific and include closest town) 1318 Sandfiddler Road, Virginia
Beach VA (At bend in Rd on North end)
 Latitude 36° 55' 16" N Longitude 75° 57' 03" W
 Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1
 Tag Number(s) (include tag return address and disposition of tag) No tags

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propeller damage, papillomas, epizoa, etc.) continue on back if necessary

skeleton of head exposed, some flipper decomposition, muscle sample
taken from front left flipper

MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in
 Straight Width _____ cm/in
 Curved Length 66 cm/in
 Curved Width 67.5 cm/in



Measurements, abnormalities, and tag locations

CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EL = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara Williams, James Goldmeyer, Shannon Lehter Stranding Date 10 - 24 - 99

Address / Affiliation Back Bay NWR, 4005 Sandpiper Rd, VA Beach, VA 23456

Area Code / Phone Number (757) 721-~~9111~~ 2412

Species Loggerhead Turtle Number By Day 4

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County Virginia Beach

Location (be specific and include closest town) Back Bay NWR 2.3 miles north of

Back Bay NWR / False Cape State Park Border

Latitude 36°39'39" Longitude 75°54'16"

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1, 4

Tag Number(s) (include tag return address and disposition of tag) No tags

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Scales missing where barnacles located

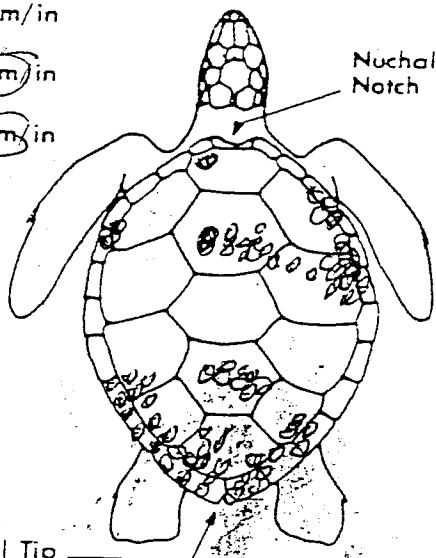
MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 57.0 cm/in

Curved Width 53.5 cm/in



Mark wounds,
anomalies,
tag locations

CODES:

SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (ruler) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please give a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara Williams, James Goldmeyer, Shannon Lehter Stranding Date 6 - 24 - 99
year month day

Address / Affiliation Back Bay NWR, 4005 Sandpiper Rd. VA Beach, VA 23456

Area Code / Phone Number (757) 721-~~9094~~ 2412

Species Loggerhead Turtle Number By Day 5

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County Virginia Beach

Location (be specific and include closest town) Back Bay NWR, 1.7 miles North of Back Bay NWR / False Cape State Park border

Latitude 36° 39' 08" N Longitude 75° 54' 04" W

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1, 4

Tag Number(s) (include tag return address and disposition of tag) No tags

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

head slightly decomposed

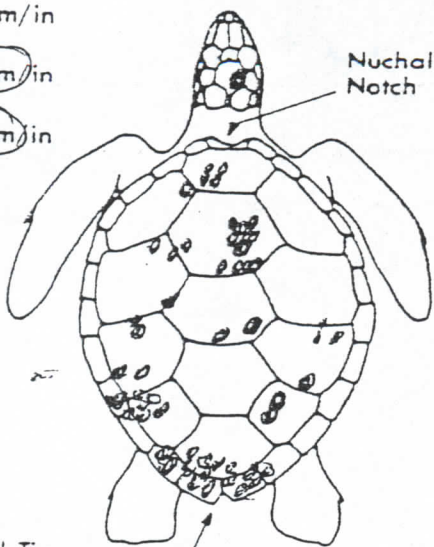
MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 69 cm/in

Curved Width 65 cm/in



Mark wounds, abnormalities, and tag locations

CODES:

SPECIES:

CC = Loggerhead
 CM = Green
 DC = Leatherback
 EI = Hawksbill
 LK = Kemp's ridley
 UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
 1 = Fresh dead
 2 = Moderately decomposed
 3 = Severely decomposed
 4 = Dried carcass
 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
 2 = Buried: on beach / off beach
 3 = Salvaged specimen: all / part
 4 = Pulled up on beach or dune
 5 = Unpainted, left on beach
 6 = Alive, released

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (or over the curve (tape measure)). Measure length from the center of the nuchal notch to the tip of the most specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara Williams, James Goldmeyer, Shannon Lehter Stranding Date 6 - 24 - 99

Address / Affiliation Back Bay NWR, 4005 Sandpiper Rd, VA Beach, VA 23456

Area Code / Phone Number 757 721 2412

Species Loggerhead Turtle Number By Day 6

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County Virginia Beach

Location (be specific and include closest town) Back + False Cape State Park, 1.1 miles south of False Cape Landing Beach entrance

Latitude 36° 35' 15" N Longitude 75° 52' 35" W

Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 4

Tag Number(s) (include tag, return address and disposition of tag) No tags

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

length + width measured over carapaces, flippers severely decomposed
bones exposed on front flippers, bones of head exposed, back right flipper missing and intestines coming out.

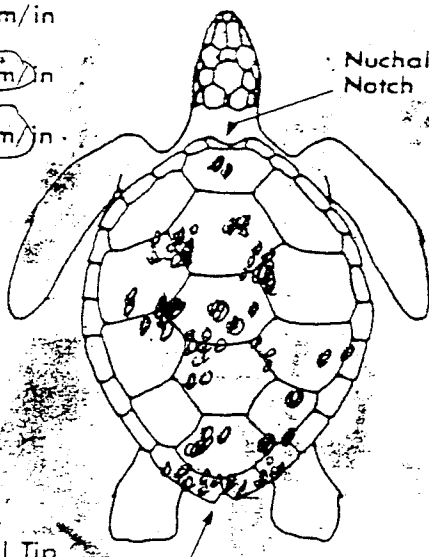
MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 108 cm/in

Curved Width 65 cm/in



CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EI = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach
- 6 = Alive, released

Mark wounds, abnormalities, and tag locations

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (ruler) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most prominent point of the carapace. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Taron A. Schatt Stranding Date 99-06-25
year month day

Address / Affiliation _____

Area Code / Phone Number _____

Species CC Back Bay National Wildlife Refuge
Phum Tree Island National Wildlife Refuge
4005 Sandpiper Road
Virginia Beach, VA 23456
Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County Va. Beach Photos _____

Location (be specific and include closest town) 2624 Sandfiddler .5 miles
South Sandfiddler Rd.

Latitude 36° 44' 23" Longitude 75° 56' 30"

Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 4 pulled to road

Tag Number(s) (include tag return address and disposition of tag) RF 55Q637 UMFS Lab
V.F. Key Miami, FL 33419 RR 55R334

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Most all scutes missing, Head missing Right front flipper
missing recovered tags & tissue sample

MEASUREMENTS: CIRCLE UNITS

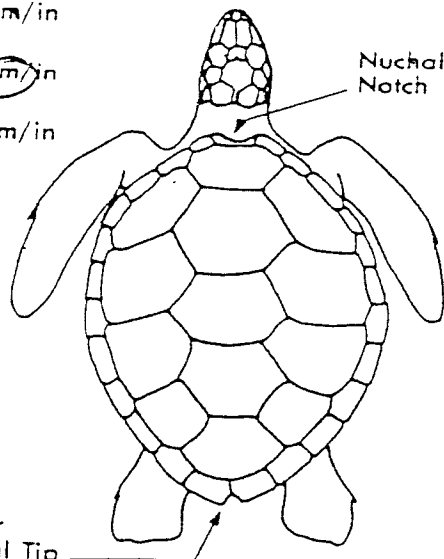
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 66.5 cm/in

Curved Width 66 cm/in

Mark wounds, abnormalities, and locations



CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EI = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

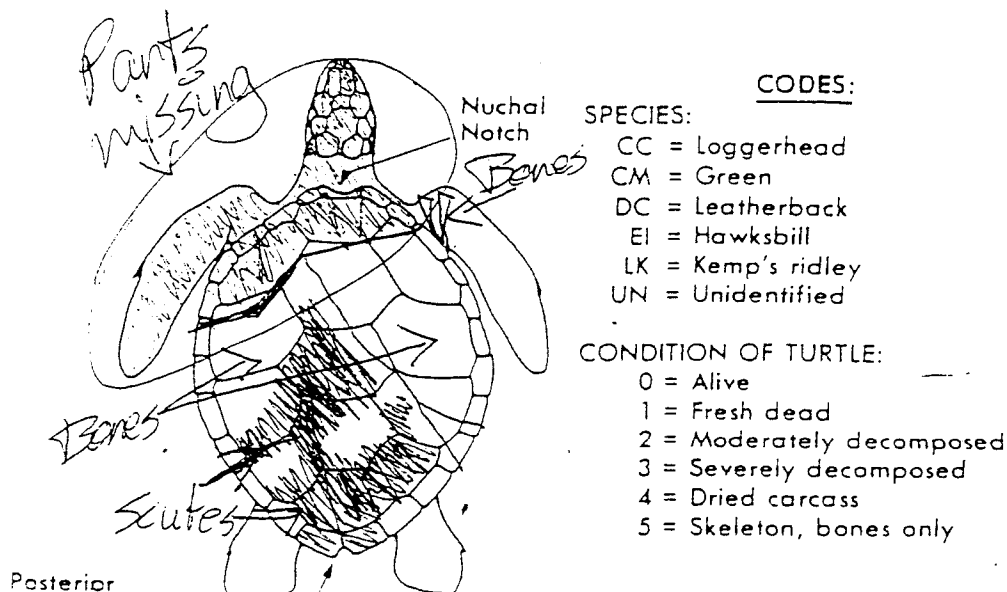
- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach
- 6 = Alive, released

Back Bay National Wildlife Refuge
Sea Turtle Stranding Report
Fort Story, Resort Strip, and Croatan Beach

Date 7-19-99
Turtle # By Day 1
Observer's Full Name Christopher Wicker
Location On Croatan Beach behind a house =
700 Atlantic Ave.
Species CC
Condition 2
Remarks Head, left front flipper, and front end
carapace missing - possible propeller hit.
few scutes present on carapace, most
bones exposed on carapace, most plastron
missing. could measure only the width.
Curved Length (cm) _____
Curved Width (cm) ~90



SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Christopher Wiker Stranding Date 01 - 17 - 12

Address / Affiliation Back Bay NWB, 4005 Sandpiper Rd, VA Beach, VA 23456

Area Code / Phone Number (757) 721-2412

Species CC Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County VA Beach Photos _____

Location (be specific and include closest town) in front of bulkhead between two houses: 346 and 348 Sandpiper Rd @ sandbridge

Latitude 36° 45' 23" Longitude 72° 56' 37"

Condition of Turtle (use codes) 2 Final Disposition of Turtle (use codes) 1 gilled close to bulkhead

Tag Number(s) (include tag return address and disposition of tag) None

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Extremely bloated, 4 or obvious cracks (one is big) - may be caused by extensive boating or boat propellor, obvious groove around flipper joint (right) - may be caught in fish

MEASUREMENTS: CIRCLE UNITS

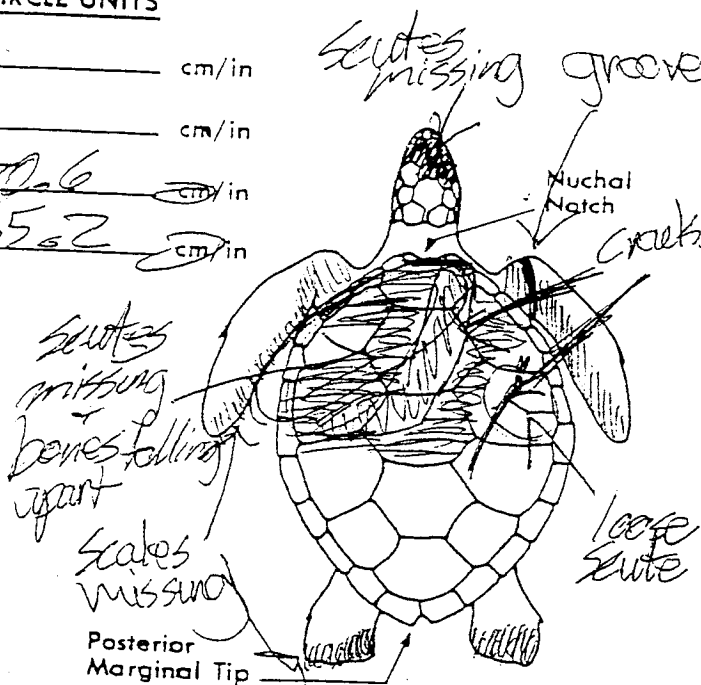
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 70.6 cm/in

Curved Width 65.2 cm/in

Mark wounds, abnormalities, and locations



SPECIES:

CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
2 = Buried: on beach / off beach
3 = Salvaged specimen: all / part
4 = Pulled up on beach or dune
5 = Unpainted, left on beach
6 = Alive, released
7 = Alive, taken to a holding facility

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Lamar Gore

Stranding Date 99 - 7 - 14
year month day

Address / Affiliation _____

Area Code / Phone Number 757 721-2412

Species Loggerhead

Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Positive

Unsure

Probable

Positive

Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female

Female

Male

Undetermined

How was sex determined? _____

State VA

County Virginia Beach

Photos _____

Location (be specific and include closest town) 3.5 miles North of NC border

Just south of False Cape Landing

Latitude 36° 35' 35"

Longitude 75° 52' 37"

Condition of Turtle (use codes) 1

Final Disposition of Turtle (use codes) 104

Tag Number(s) (include tag return address and disposition of tag) _____

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Barnacles, no visible damage

MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

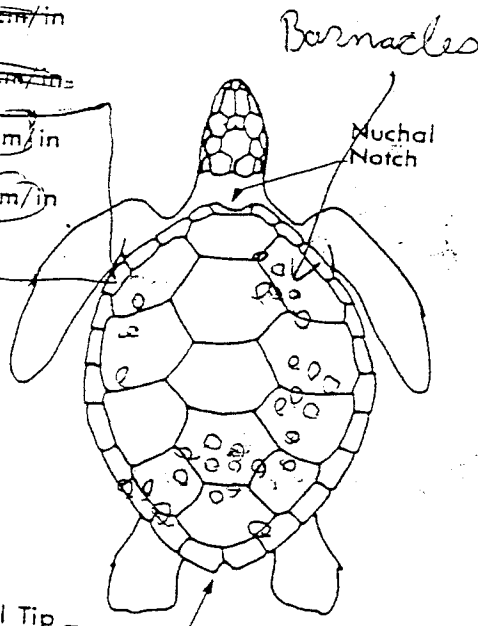
Straight Width _____ cm/in

Curved Length 68 cm/in

Curved Width 64 cm/in

Mark wounds, abnormalities, and locations

Posterior Marginal Tip



CODES:

SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EL = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach
- 6 = Alive, released
- 7 = Alive, taken to a holding facility

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most posterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please provide a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Sara T. Williams Stranding Date 99-07-16
 Address / Affiliation Back Bay National Wildlife Refuge
Plum Tree Island National Wildlife Refuge
4005 Sandpiper Road
Virginia Beach, VA 23456
 Area Code / Phone Number _____
 Species CC Turtle Number By Day 01
 Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒
 Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____
 State VA County Virginia Beach Photos _____
 Location (be specific and include closest town) 3112 Sandpiper Rd. VB, VA
(~100m N of S-turns)
 Latitude 36°45'20" Longitude 75°56'50"
 Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 1 & 4 called city for removal
 Tag Number(s) (include tag return address and disposition of tag) No tags

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, apillomas, epizoa, etc.) continue on back if necessary measurements taken over barnacles.

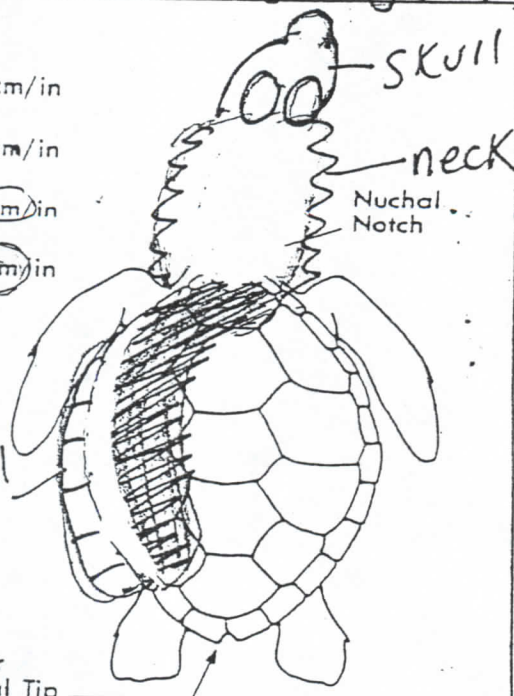
Costal scutes and flesh on upper 1/3 of carapace are
sloughing off exposing ribs underneath. Flesh on skull is
absent. Neck has decomposed greatly; appears 3x the normal size

MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in
 Straight Width _____ cm/in
 Curved Length 70 cm/in
 Curved Width 72 cm/in

Mark wounds, abrasions, lesions, and other locations

marginal scutes - pulled away from shell
Posterior Marginal Tip



SPECIES:

CC = Loggerhead
 CM = Green
 DC = Leatherback
 EI = Hawksbill
 LK = Kemp's ridley
 UN = Unidentified

CODES:

(bloated & flattened)
Front left flipper removed

CONDITION OF TURTLE:

0 = Alive
 1 = Fresh dead
 2 = Moderately decomposed
 3 = Severely decomposed
 4 = Dried carcass
 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
 2 = Buried: on beach / off beach
 3 = Salvaged specimen: all / part
 4 = Pulled up on beach or dune
 5 = Unpainted, left on beach
 6 = Alive, released

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include specific location description. INCLUDE LATITUDE AND LONGITUDE.

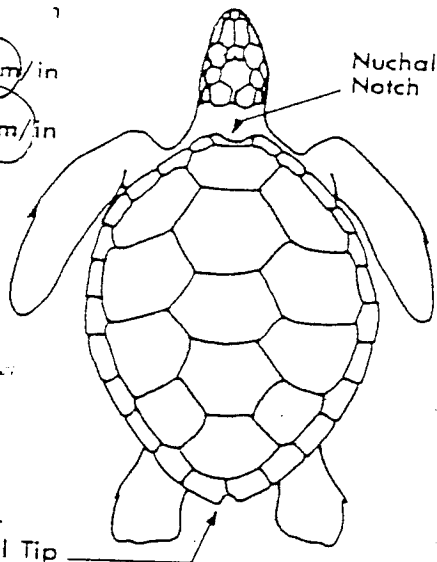
Observer's Full Name JOHN I. GALVEZ Stranding Date 1999 07 17
 Address / Affiliation USFWS / R5 / GORRA (SEAN) Back Bay National Wildlife Refuge
 Area Code / Phone Number (757) 721-2412 Plum Tree Island National Wildlife Refuge
 Species Loggerhead (CC) Turtle Number By Day 1 4005 Sandpiper Road
 Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☐
 Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____
 State VA County VA Beach Photos NO
 Location (be specific and include closest town) ~ 1.2 miles south of Refuge office (Beach side) (Fence) in Back Bay NWR
 Latitude 36°39'32" Longitude 75°54'10"
 Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 1
 Tag Number(s) (include tag return address and disposition of tag) _____

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Flippers decomposed.

MEASUREMENTS: CIRCLE UNITS

Straight Length _____ in
 Straight Width _____ in
 Curved Length 100 cm/in
 Curved Width 89 cm/in



Mark wounds, abnormalities, and locations

CODES:

SPECIES:

CC = Loggerhead
 CM = Green
 DC = Leatherback
 EI = Hawksbill
 LK = Kemp's ridley
 UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
 1 = Fresh dead
 2 = Moderately decomposed
 3 = Severely decomposed
 4 = Dried carcass
 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
 2 = Buried: on beach / off beach
 3 = Salvaged specimen: all / part
 4 = Pulled up on beach or dune
 5 = Unpainted, left on beach
 6 = Alive, released
 7 = Alive, taken to lab

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please give specific location description. INCLUDE LATITUDE AND LONGITUDE.

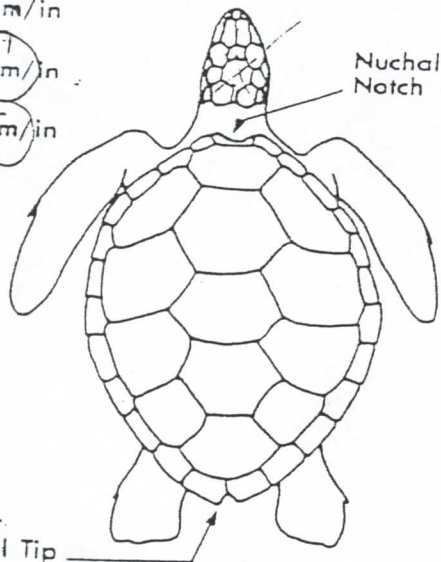
Observer's Full Name JOHN I. GALVEZ Stranding Date 99-07-17
 Address / Affiliation USFWS/RS/GOFA (BBNWR) Back Bay National Wildlife Refuge
 Area Code / Phone Number (757) 721-2412 Plum Tree Island National Wildlife Refuge
 Species Loggerhead (CC) Turtle Number By Day 2 4005 Sandpiper Road
 Reliability of I.D.: (CIRCLE) Positive Species Verified by State Coordinator? Yes ☐ No ☐
 Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____
 State Virginia County VA Beach Photos NO
 Location (be specific and include closest town) Office (beach ramp) ~ 7.4 miles from BBNWR Refuge
in False Cape State Park
 Latitude 36°35'39" Longitude 75°52'32"
 Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 1
 Tag Number(s) (include tag return address and disposition of tag) _____

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

NO Head and NO Flippers. Decomposed

MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in
 Straight Width _____ cm/in
 Curved Length 87 cm/in
 Curved Width 80 cm/in



Mark wounds, abnormalities, and locations

SPECIES: CODES:

CC = Loggerhead
 CM = Green
 DC = Leatherback
 EI = Hawksbill
 LK = Kemp's ridley
 UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
 1 = Fresh dead
 2 = Moderately decomposed
 3 = Severely decomposed
 4 = Dried carcass
 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
 2 = Buried: on beach / off beach
 3 = Salvaged specimen: all / part
 4 = Pulled up on beach or dune
 5 = Unpainted, left on beach
 6 = Alive, released
 7 = Alive, taken to lab for study

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Christopher Walker Stranding Date 09 - 07 - 25
year month day

Address / Affiliation Back Bay National Wildlife Refuge
Phum Tree Island National Wildlife Refuge
4005 Sandpiper Road
Virginia Beach, VA 23456

Area Code / Phone Number _____

Species CC Turtle Number By Day 1

Reliability of I.D.: (CIRCLE) Unsure Probable Positive Species Verified by State Coordinator? Yes ☐ No ☒

Sex: (CIRCLE) Female Male Undetermined How was sex determined? _____

State VA County VA Beach Photos N/A

Location (be specific and include closest town) on Sandbridge Beach behind a
house #2233 Sandpiper Rd. 5.6 miles north of DB border

Latitude 36° 45' Longitude 75° 56' 35"

Condition of Turtle (use codes) 3 Final Disposition of Turtle (use codes) 1

Tag Number(s) (include tag return address and disposition of tag) N/A

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Carapace is on sand white plastic is top side. All flippers
and head are missing. Bones of carapace and plastron
are loose. Some scales are missing. Measurement not taken due

MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

Straight Width _____ cm/in

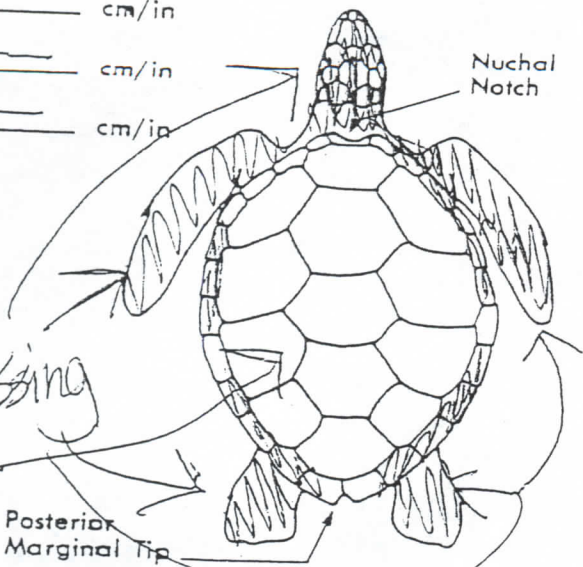
Curved Length _____ cm/in

Curved Width _____ cm/in

measurement
not taken

Mark wounds,
abilities,
and locations

missing
same scales
present
bones loose



SPECIES:

- CC = Loggerhead
- CM = Green
- DC = Leatherback
- EI = Hawksbill
- LK = Kemp's ridley
- UN = Unidentified

CODES: decomposition
shell

CONDITION OF TURTLE:

- 0 = Alive
- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Severely decomposed
- 4 = Dried carcass
- 5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

- 1 = Painted, left on beach
- 2 = Buried: on beach / off beach
- 3 = Salvaged specimen: all / part
- 4 = Pulled up on beach or dune
- 5 = Unpainted, left on beach
- 6 = Alive, released

Back Bay National Wildlife Refuge
Sea Turtle Stranding Report
Fort Story, Resort Strip, and Croatian Beach

Date 8/4/99
Turtle # By Day 1

Observer's Full Name Jason S. LaH.
30th St. Oceanfront

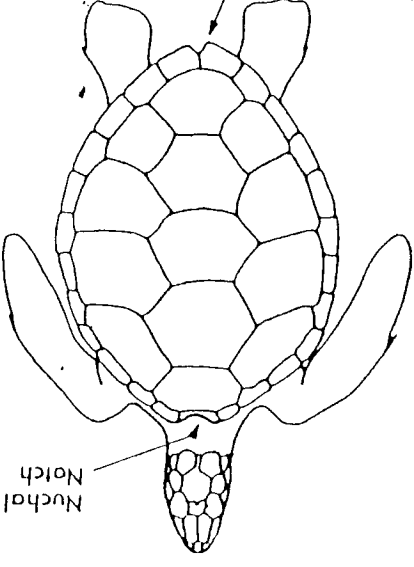
Species CC

Condition 3

Remarks

Almost all scutes missing, head completely unrecognizable
Left on beach VPMH contacted

Curved Length (cm) 75.8cm
Curved Width (cm) 75.6cm



CODES:
SPECIES: CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified
CONDITION OF TURTLE:
0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Sk. bones only

Back Bay National Wildlife Refuge
Sea Turtle Stranding Report
Fort Story, Resort Strip, and Croatian Beach

Date 8-31-99
Turtle # By Day 1

Observer's Full Name Christopher Walker
Fort Story, turn right onto Leyte

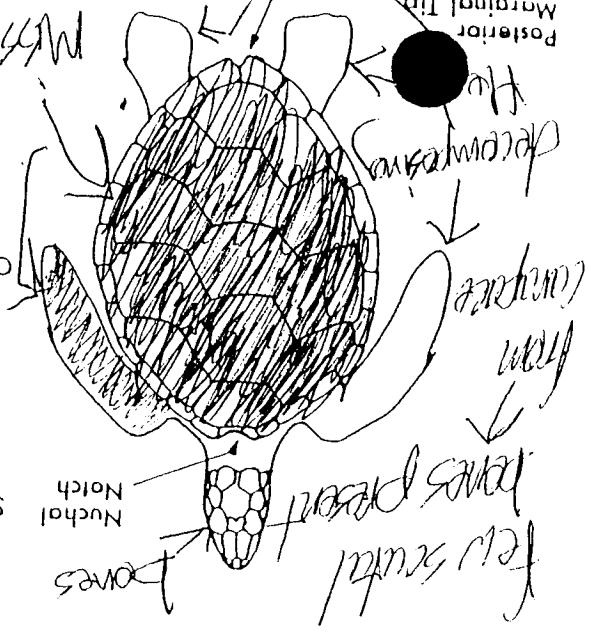
Species CC (probable)

Condition 3

Remarks

Only front left flipper, both hind flippers;
fresh, carapace and plastron - missing, but
few scutal bones from carapace - present;
Also full and socket bones

Curved Length (cm) —
Curved Width (cm) —



CODES:
SPECIES: CC = Loggerhead
CM = Green
DC = Leatherback
EI = Hawksbill
LK = Kemp's ridley
UN = Unidentified
CONDITION OF TURTLE:
0 = Alive
1 = Fresh dead
2 = Moderately decomposed
3 = Severely decomposed
4 = Dried carcass
5 = Skeleton, bones only

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Lamar B. Gore Stranding Date 99-8-4
year month day

Address / Affiliation Back Bay NWR

Area Code / Phone Number 757-721-2412

Species Logger head

Turtle Number By Day 1

Reliability of I.D.: (CIRCLE)

Unsure

Probable

Positive

Species Verified by State Coordinator? Yes ☐ No ☐

Sex: (CIRCLE)

Female

Male

Undetermined

How was sex determined? _____

State Virginia

County

Virginia Beach

Photos _____

Location (be specific and include closest town)

False Cape State Park → 1.8 miles

South of Back Bay border (South Borden)

Latitude 36° 36' 21

Longitude 75° 52' 55

Condition of Turtle (use codes) 2

Final Disposition of Turtle (use codes) _____

Tag Number(s) (include tag return address and disposition of tag) _____

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

All limbs missing from turtle; internal organs hanging out the remains of the plastron.

MEASUREMENTS: CIRCLE UNITS

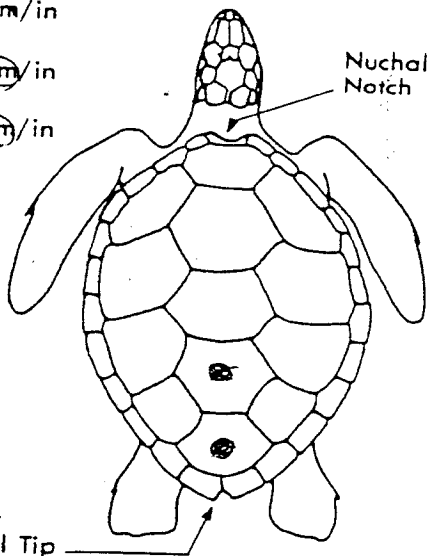
Straight Length _____ cm/in

Straight Width _____ cm/in

Curved Length 50 cm/in

Curved Width 47 cm/in

Mark wounds, abnormalities, tag locations



CODES:

SPECIES:

CC = Loggerhead
 CM = Green
 DC = Leatherback
 EI = Hawksbill
 LK = Kemp's ridley
 UN = Unidentified

CONDITION OF TURTLE:

0 = Alive
 1 = Fresh dead
 2 = Moderately decomposed
 3 = Severely decomposed
 4 = Dried carcass
 5 = Skeleton, bones only

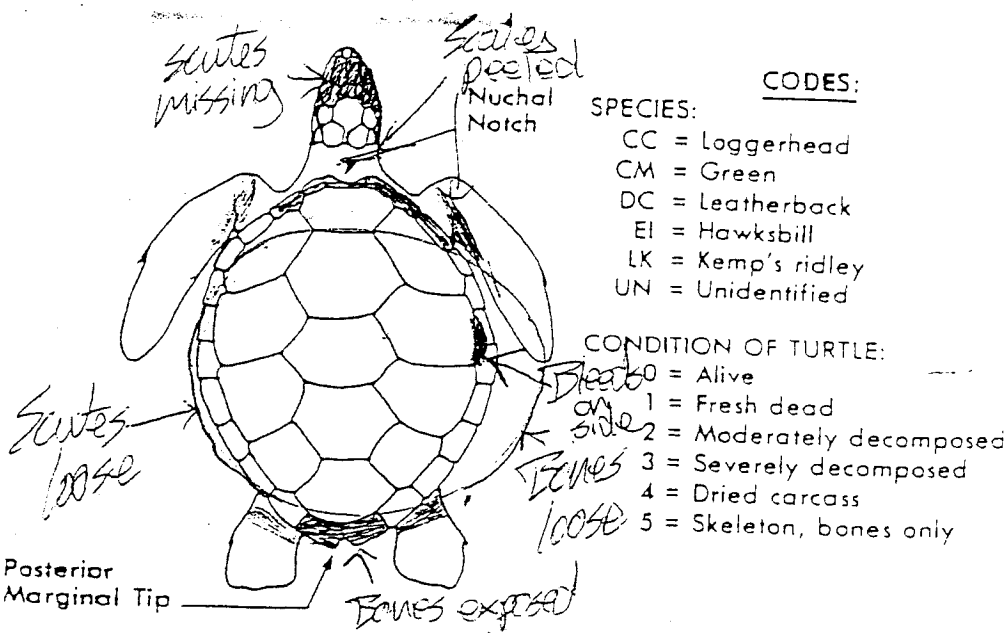
FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach
 2 = Buried: on beach / off beach
 3 = Salvaged specimen: all / part
 4 = Pulled up on beach or dune
 5 = Unpainted, left on beach
 6 = Alive, released
 7 = Alive, taken to a holding facility

Back Bay National Wildlife Refuge
Sea Turtle Stranding Report
Fort Story, Resort Strip, and Croatan Beach

Date 5-13-09
Turtle # By Day 1
Observer's Full Name Christopher Tucker
Location Entrance of Harbor master on the right of Atlantic Ave. Down the steps onto beach - turn left and walk around rock to where turtle is located.
Species 100
Condition 2
Remarks Scutes missing from head; scutes peeked @ neck and flippers - scutes and bones loose @ carapace - bleeding occurred @ right side behind front flipper

Curved Length (cm) 65.6
Curved Width (cm) 62.2



SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

PLEASE PRINT CLEARLY AND FILL IN ALL APPLICABLE BLANKS. Use codes below. Measurements may be straight line (caliper) and/or over the curve (tape measure). Measure length from the center of the nuchal notch to the tip of the most anterior marginal. Measure width at the widest point of carapace. CIRCLE THE UNITS USED. See diagram below. Please include a specific location description. INCLUDE LATITUDE AND LONGITUDE.

Observer's Full Name Jason Schatti + Lamar Gore Stranding Date 99 - 9 - 17
year month day

Address / Affiliation Back Bay NWR

Area Code / Phone Number 757-721-2412

Species Loggerhead Sea Turtle

Turtle Number By Day 1

Reliability of I.D.: (CIRCLE)

Unsure

Probable

Positive

Species Verified by State Coordinator? Yes ☐ No ☐

Sex: (CIRCLE)

Female

Male

Undetermined

How was sex determined?

State VA

County Virginia Beach

Photos

Location (be specific and include closest town)

Sandbridge, ~~0.5~~ 0.5 miles north of
Barbour's Hill at False Cape State Park

Latitude 36° 37' 41"

Longitude 75° 51' 39"

Condition of Turtle (use codes) 2

Final Disposition of Turtle (use codes) 4

Tag Number(s) (include tag return address and disposition of tag)

Remarks (note if turtle was involved with tar or oil, gear or debris entanglement, wounds or mutilations, propellor damage, papillomas, epizoa, etc.) continue on back if necessary

Turtle's carapace is cracked on the left posterior side. The gash
on the carapace at the widest point is 16cm. From left front flipper to
right measures 123cm. Right flipper is cut off (but healed over) at the claw. Looks like it

MEASUREMENTS: CIRCLE UNITS

Straight Length _____ cm/in

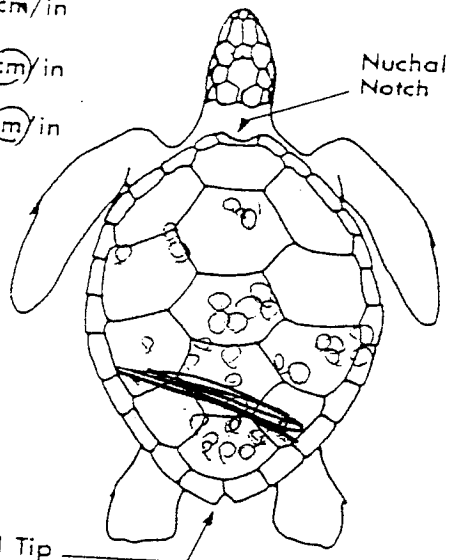
Straight Width _____ cm/in

Curved Length 112 cm/in

Curved Width 99 cm/in

Barnacles

Mark wounds, abnormalities, and locations



SPECIES:

CC = Loggerhead

CM = Green

DC = Leatherback

EI = Hawksbill

LK = Kemp's ridley

UN = Unidentified

CODES:

gash in the
carapace on
propeller hit.
left front
flipper taken.

CONDITION OF TURTLE:

0 = Alive

1 = Fresh dead

2 = Moderately decomposed

3 = Severely decomposed

4 = Dried carcass

5 = Skeleton, bones only

FINAL DISPOSITION OF TURTLE:

1 = Painted, left on beach

2 = Buried: on beach / off beach

3 = Salvaged specimen: all / part

4 = Pulled up on beach or dune

5 = Unpainted, left on beach

6 = Alive, released

7 = Alive, not released

APPENDIX 3

RECEIPTS FOR SEA TURTLE TRANSFERS

Loggerhead Sea Turtle Program

Back Bay National Wildlife Refuge

I Thomas Harder a representative of VMSM
(VA MARINE SCIENCE MUSEUM)

acknowledge receipt of 4 Loggerhead turtle nestlings on the date of AUG. 26, 1999 (2:00 AM)
from Back Bay NWR for the purposes of research



BACK BAY NATIONAL WILDLIFE REFUGE

LOGGERHEAD SEA TURTLE PROGRAM

RECEIPT

I. Christina Trapani, a representative of VMSM

acknowledge receipt of 7 samples of loggerhead sea turtle flipper tissue on 12 October
1999, from Back Bay National Wildlife Refuge, 4005 Sandpiper Road, Virginia Beach,
Virginia 23456 (telephone: 757-721-2412), for the purposes of research

(Signed)

Christina Trapani

(Refuge Witness)

Lamar B. Gore